COMPTON UNIFIED SCHOOL DISTRICT
BUSINESS AND ADMINISTRATIVE SERVICES DIVISION
PURCHASING AND CONTRACTS DEPARTMENT

ADDENDUM 4

CENTENNIAL HIGH SCHOOL (CHS)
INCREMENT 1 CAMPUS-WIDE STRUCTURE & UTILITY DEMOLITION & GRADING

BID NUMBER 27-002

DATE ISSUED:	October 23, 2026
DATE EFFECTIVE:	October 23, 2026
BID NO.:	**BID 27-002**
CONTACT:	**Mikkiala Peele, Contracts Analyst for CUSD**

INTENT

This addendum is issued following the mandatory pre-bid meeting and job walk and prior to receipt of bids. Acknowledgment of this Addendum shall be made and included on the Bid Form, Document 00 41 13.

All Bid Documents including contract documents, specifications, and drawings (if any), remain unchanged except for those elements added, revised, deleted, or clarified by this Addendum. Bidders shall be responsible for transmitting this information to all affected subconsultants, subcontractors, and suppliers prior to the closing of this Bid.

Bidders are required to acknowledge receipt and understanding of the information provided in this addendum, along with any other issued addenda, in their submission packet Bid Form, Document 00 41 13.

Failure to acknowledge all addenda on Bid Form, Document 00 41 13, may result in the Contractor's bid being deemed non-responsive.

A) PRE-BID QUESTIONS & RESPONSES

1) Contractor shall perform Work per CUSD-RFB B27-002 Centennial HS Pre-Bid RFI Log (10-23-26), attached:

B) <u>CLARIFICATION TO DOCUMENTS and SPECIFICATION SECTIONS (SS):</u>

1) Contractor shall complete Work per ADDENDUM 4 Document 00 01 10 Table of Contents, attached.

2) Contractor shall complete Work per ADDENDUM 4 Document 00 01 15 List of Drawings & Exhibits, attached.

3) Contractor shall complete Work per ADDENDUM 4 Document 00 31 19 Existing Information and Documentation Regarding Project Site, attached.

4) Contractor shall complete Work per ADDENDUM 4 Document 00 45 10 Agreement, attached.

5) Contractor shall complete Work per Specifications Section 01 11 10 Work Requirements, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 11 10 Work Requirements, attached.

6) Contractor shall complete Work per Specifications Section 01 14 00 Work Restrictions, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 14 00 Work Restrictions, attached.

7) Contractor shall complete Work per Specifications Section 01 15 10 CALGreen Construction Waste Management, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 15 10 CALGreen Construction Waste Management, attached.

8) Contractor shall complete Work per Specifications Section 01 15 10A Contractor's Construction Waste and Recycling Plan, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 15 10A Contractor's Construction Waste and Recycling Plan, attached.

9) Contractor shall complete Work per Specifications Section 01 15 10B Contractor's Reuse, Recycling and Disposal Report, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 15 10B Contractor's Reuse, Recycling and Disposal Report, attached.

10) Contractor shall complete Work per Specifications Section 01 30 00 Administrative Requirements, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 30 00 Administrative Requirements, attached.

11) Contractor shall complete Work per Specifications Section 01 31 26 Electronic Communications Protocol, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 31 26 Electronic Communications Protocol, attached.

12) Contractor shall complete Work per Specifications Section 01 35 00 Traffic Control Procedures, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 35 00 Traffic Control Procedures, attached.

13) Contractor shall complete Work per Specifications Section 01 35 29 Health and Safety Requirements, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 35 29 Health and Safety Requirements, attached.

14) Contractor shall complete Work per Specifications Section 01 35 60 Site Security Procedures, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 35 60 Site Security Procedures, attached.

15) Contractor shall complete Work per Specifications Section 01 41 00 Regulatory Requirements, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 41 00 Regulatory Requirements, attached.

16) Contractor shall complete Work per Specifications Section 01 45 00 Quality Requirements, added per CUSD-RFB_B27-002 Centennial HS Demo ADDENDUM 4 SS 01 45 00 Quality Requirements, attached.

17) Contractor shall complete Work per Specifications Section 01 45 24, Environmental Import / Export Materials Testing, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 45 24 Environmental Import / Export Materials Testing

18) Contractor shall complete Work per Specifications Section 01 55 00, Access and Staging, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 55 00 Access and Staging, attached.

19) Contractor shall complete Work per Specifications Section 01 56 00, Temporary Barriers and Enclosures, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 56 00 Temporary Barriers and Enclosures, attached.

20) Contractor shall complete Work per Specifications Section 01 56 39, Temporary Tree and Plant Protection, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 56 39 Temporary Tree and Plant Protection, attached.

21) Contractor shall complete Work per Specifications Section 01 57 23A, SWPPP Monthly Report, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 57 23A SWPPP Monthly Report, attached.

22) Contractor shall complete Work per Specifications Section 01 58 00, Construction Signage, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 01 58 00 Construction Signage, attached.

23) Contractor shall complete Work per Specifications Section 02 08 0, Hazardous Materials Removals, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 02 08 0 Hazardous Materials Removals, attached.

24) Contractor shall complete Work per Specifications Section 02 10 00, Site Preparation, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 02 10 00 Site Preparation, attached.

25) Contractor shall complete Work per Specifications Section 02 51 00, Materials & Waste Management, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 02 51 00 Materials Waste Management, attached.

26) Contractor shall complete Work per Specifications Section 02 55 00, Regulated & Hazardous Materials Transport, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 02 55 00 Regulated & Hazardous Materials Transport, attached.

27) Contractor shall complete Work per Specifications Section 02 81 00, Environmental Procedures, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 02 81 00 Environmental Procedures, attached.

28) Contractor shall complete Work per Specifications Section 31 20 05, Trenching, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 31 20 05 Trenching, attached.

29) Contractor shall complete Work per Specifications Section 31 23 15, Dewatering, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 31 23 15 Dewatering, attached.

30) Contractor shall complete Work per Specifications Section 31 25 00, Erosion & Sediment Control, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 31 25 00 Erosion & Sediment Control, attached.

31) Contractor shall complete Work per Specifications Section 32 01 17, Asphalt Pavement Repair, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 32 01 17 Asphalt Pavement Repair, attached.

32) Contractor shall complete Work per Specifications Section 32 31 50, Fence Windscreen, added per CUSD-RFB B27-002 Centennial HS Demo ADDENDUM 4 SS 32 31 50 Fence Windscreen, attached.

B) <u>CLARIFICATION TO EXHIBITS:</u>

1) Document 00 31 19 is revised to include the Exhibits 12, 13, 14 & 15 as described below per CUSD-RFB 27-002 Centennial HS Demo ADDENDUM 4 Document 00 31 19, Existing Information & Documentation Regarding Project Site, attached.

2) Exhibit 12 is added per CUSD-RFB 27-002 Centennial HS Demo ADDENDUM 4 EXHIBIT 12 Native American Monitoring Agreement, attached. As per Specifications Section 01 11 00.1.29, Summary of Work, Native American Agreement, Bidders are hereby advised that the Contractor shall complete work per the Native American Agreement per Exhibit 12. The Agreement requires Kizh Nation Resources Management (KNRM) to provide a Native American monitor at the Project Site during all ground-disturbing activities. The monitor will observe such activities, document and report tribal cultural resources (TCR) discoveries, and coordinate with the Project supervisor if a discovery requires work within the area to stop or otherwise accommodate the discovery. The Agreement establishes the process for identifying and addressing TCR discoveries during ground-disturbing activities.

3) Exhibit 13 is added per CUSD-RFB 27-002 Centennial HS Demo ADDENDUM 4 EXHIBIT 13 Soil Removal Completion Report, attached.

4) Exhibit 14 is added per CUSD-RFB 27-002 Centennial HS Demo ADDENDUM 4 EXHIBIT 13 Approved Mitigated Negative Declarations (MNDs), attached.

5) Exhibit 15 is added per CUSD-RFB 27-002 Centennial HS Demo ADDENDUM 4 EXHIBIT 15 Tree Report, attached.

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All other terms and conditions remain unchanged.

END OF ADDENDUM 4

CUMMING GROUP

DATE: 10/23/2026
RFB NUMBER: B27-002
PROJECT: Centennial High School (CHS)
Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading
SUBJECT: ADDENDUM 4 - PRE-BID RFI QUESTIONS and RESPONSES

PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
1	Site Material Crushing		Site Material Crushing: Please confirm whether on-site material can be crushed and reused as import material for the project.	Contractor may provide submittal to complete crushing operations to ¾" per Greenbook Section 200-2 for the review and approval of the District, Architect & Construction Manager prior to starting work. Before implementing this Pre-Bid RFI response, the Contractor shall submit a cost proposal with applicable material credits because an additional cost would apply to the District to backfill with imported material. The Contractor shall also submit the environmental ramifications of this option for the review and approval of the District before proceeding with the Work. Demolition debris may be crushed onsite to use in the ongoing grading operations subject to the following limitations (the environmental ramifications of this option, if any, shall be reviewed & approved by the District). The demolition debris shall be limited to concrete and other non-deleterious materials. Deleterious materials shall be removed including, but not limited to, paper, garbage, ceramic materials, and wood. For structural fill applications, materials shall be crushed to 2 inches in maximum dimension or smaller. The crushed materials shall be thoroughly blended and mixed with onsite soils prior to placement as compacted fill and the amount of blended crushed material shall not exceed 20 percent by volume of placed fill. The blended and mixed materials shall be tested by this the DSA Laboratory of Record prior to placement to ensure the fill is suitable for compaction purposes. In addition, the blended and mixed materials shall be tested by Fenagh or the DSA Laboratory of Record during placement and grading to ensure that the engineered fill has been compacted in a suitable manner.
2	SWPPP Scope	Exhibit 9, SWPPP	SWPPP Scope: Please confirm whether the SWPPP will cover Inc. 1 only or the entire project, including Inc. 2.	To confirm, the SWPPP covers both Increment 1 & 2. See Exhibit 9, SWPPP. Even so, the Increment 1 Contractor is responsible for Increment 1 only and the Increment 2 Contractor is responsible for Increment 2 only.
3	Project Duration	DOCUMENT 00 45 10.4	Project Duration: Please confirm the anticipated project duration.	The contractual project duration shall be two-hundred and forty (240) calendar days. As such, please see Addendum 4 to revise DOCUMENT 00 45 10.4, Agreement as follows: ***4. Time for Completion:*** *It is hereby understood and agreed that the Contractor shall complete the Work within TWO-HUNDRED AND FORTY (240) consecutive calendar days ("Contract Time") from the date specified in the District's Notice to Proceed. The District shall not approve an early completion schedule by Contractor. A schedule showing the Work completed in less than the Contract Time indicated in the Contract, shall be considered to have Project Float.*
4	Scope of Work	Specifications Section 01 10 00, Summary of Work	Scope of Work: Please confirm whether a detailed Scope of Work will be issued for the project.	See DLR Group DSA Submittal Specifications Section 01 10 00 and Addendum 4, Specifications Section 01 11 10, Work Requirements.
5	Engineered Fill		Is there a maximum allowable Expansion Index (EI) for imported engineered fill?	There is no listed Expansion Index in the California Standard Specifications for Class 3 Subbase. The California Standard Specifications rely on a sand equivalent instead, specifying an operating range of 21 and contract compliance at 18.
6	Laboratory Tests		Can you please confirm the required gradation and laboratory tests for imported fill to meet the Class 3 Subbase requirements? We want to make sure our proposed import material meets your requirements before bringing it to the site.	The required gradation is specified as 100% passing the 3" sieve, 90-100% passing the 2 1/2" sieve, 50-100% passing the No. 4 sieve, and 0-30% passing the No. 200 sieve. Class 3 also requires a Sand Equivalent, as mentioned above. Class 3 also references a Resistance (R-value), which we will not required for import fill.
7	Crushed Aggregate		Would clean, well-graded select fill or crushed aggregate be acceptable, subject to testing and your approval?	Yes, allowing it meets the requirements specified by the Division 01 Specification Sections & the Geotechnical Report (Exhibit 4), including guidelines as recommended by the Department of Toxic Substances Control (DTSC) provided in the "DTSC Information Advisory Clean Imported Fill Material Fact Sheet".
8	Addenda 01 & 02		I noticed Addendum #3 is posted on the website, but I couldn't find Addenda #1 and #2. Could you please advise?	The Bid Set of drawings issued in the RFB also include all sheets for both Addendum 01 and 02. See ADDENDUM 4 Document 00 01 10, Table of Contents.
9	Project Start Date		When is the project scheduled to begin?	Approval to award the contract for RFB B27-002 is scheduled for the CUSD Board of Trustees Meeting Agenda on 11/03/26. Upon award, the project is anticipated to start mid-November 2026.
10	Project Start Date		When is the start date?	Approval to award the contract for RFB B27-002 is scheduled for the CUSD Board of Trustees Meeting Agenda on 11/03/26. Upon award, the project is anticipated to start mid-November 2026.
11	Work Hours		What are the working hours?	Refer to Special Conditions 00 71 00 Section 6.(E). Additionally, the Contractor must comply with Compton Municipal Code. Per Compton Municipal Code Chapter 7, Section 7-12.22, working hours are between 7:00 a.m. and 7:00 p.m. on Monday through Saturday, except in cases of urgent necessity in the interest of public health and safety and then only with a permit from the Building Official.

CUMMING GROUP

DATE: 10/23/2026
RFB NUMBER: B27-002
PROJECT: Centennial High School (CHS)
Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading
SUBJECT: ADDENDUM 4 - PRE-BID RFI QUESTIONS and RESPONSES

PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
12	Project Duration		What is the duration of the project?	The contractual project duration shall be two-hundred and forty (240) calendar days. As such, please see Addendum 4 to revise DOCUMENT 00 45 10.4, Agreement as follows: ***4. Time for Completion:*** *It is hereby understood and agreed that the Contractor shall complete the Work within TWO-HUNDRED AND FORTY (240) consecutive calendar days ("Contract Time") from the date specified in the District's Notice to Proceed. The District shall not approve an early completion schedule by Contractor. A schedule showing the Work completed in less than the Contract Time indicated in the Contract, shall be considered to have Project Float.*
13	Site Occupation		Will the Working area be occupied during construction?	No, all occupants have been relocated to other District sites.
14	Project Estimate		What is the engineering estimate or budget for the project?	The District is not obligated to provide their engineering estimate.
15	Noise Restrictions		Is there any noise restriction that we need to know?	Refer to Special Conditions 00 71 00 Section 6.(E). Additionally, the Contractor must comply with Compton Municipal Code. Per Compton Municipal Code Chapter 7, Section 7-12.22, working hours are between 7:00 a.m. and 7:00 p.m. on Monday through Saturday, except in cases of urgent necessity in the interest of public health and safety and then only with a permit from the Building Official.
16	Laydown Area		Where will the laydown area be for material storage?	The Contractor may propose a lay down area within the property limits. There is a vacant lot on the east side of Parmalee Ave., east of the campus, that may be considered, however, the Contractor shall coordinate with the property owner for use.
17	Site Security		Do we need to provide security and facilities to protect the job area?	Yes, site security is required, see Specification Section 01 35 60, Site Security Procedures, issued by Addendum 04. Temporary facilities are required, see Specification 01 50 00, Construction Facilities & Temporary Utilities.
18	Temporary Facilities		Is a job site trailer required for this project? Please confirm whether the Contractor is required to provide and maintain a job site trailer for the duration of construction.	Temporary facilities for the Contractor are at the Contractor's discretion. Temporary facilities for the Project Inspector and Construction Manager are required per Specification 01 50 00, Construction Facilities and Temporary Utilities.
19	Site Access		Will the Owner provide the Contractor with a key for daily site access, or will an Owner representative be responsible for opening the gate each day?	The awarded Contractor will be responsible for site security & site access per Specification Section 01 35 60, Site Security Procedures, issued by Addendum 04. The Contractor shall provide the District, Construction Manager, or District's Representatives, means of access. The District or the Construction Manager will not be responsible for site security or access.
20	Site Utilities		Please confirm whether electrical power and water required for construction activities will be provided by the Owner at no cost to the Contractor, or if the Contractor is responsible for providing temporary power and water for the duration of the project.	The Contractor's use of all existing onsite utilities shall be separately metered for payment to be credited to the District. The Contractor is responsible to coordinate with all utilities for permission to use.
21	Site Surveys		Please advise whether the Owner performed any utility survey, subsurface utility investigation, or similar utility verification prior to issuance of the bid documents. If such information is available, please provide the most recent utility survey, investigation report, record drawings, or updated utility plans for the project site.	See RFB Exhibit 1, Archived Drawings, Exhibit 11, Survey and ADDENDUM 4 Document 00 31 19, Existing Information & Documents Regarding Project Site. Additionally, refer to General Notes 6 and 7 on sheet C1.00 of the issued bid set of drawings. The Contractor is responsible to field verify all referenced documents.
22	Existing Site Conditions		Please advise whether there is any known site, environmental, access, or existing conditions not identified in the bid documents that may affect the bidding process, construction approach, sequencing, or overall performance of the work.	To the best of the Owner's and Design Team's knowledge, there are no known site, environmental, access, existing conditions, or other factors affecting the Work beyond those identified in the bid documents. Bidders are advised to review all contract documents, reports, surveys, and reference information provided as part of the bid package and perform their own due diligence and site investigations as permitted by the Contract Documents.
23	Project Phasing		Please confirm whether there is an established phasing plan for the project.	No, this project does not have phasing. However, the Contractor shall submit a schedule to salvage the Solar Panels for approval by the District prior to starting the Work on the Solar Panels.
24	Temporary Fencing		Is temporary fencing required for this project?	The need for Temporary Fencing shall be determined by the Contractor's means & methods because the Contractor shall be responsible to continuously confirm that the requirements of Section 01 35 60, Site Security Requirements, are fully implemented at all times, 24 hours per day. The Contractor shall review Section 01 35 60, Site Security Requirements, and consider existing conditions and inform the District of discrepancies, if any. As such, temporary fencing may be required following Contractor review and determination that temporary fencing is necessary for the Contractor to fully conform with Section 01 35 60, Site Security Requirements.
25	Specification Sections		The Table of Contents lists Sections 02 10 00, 02 51 00, 31 20 05, 31 25 00, 32 01 17 and 01 14 00, but they aren't in the posted Division 01 file or the DLR Project Manual. Please issue these sections.	See ADDENDUM 4 Document 00 01 10, Table of Contents for revised Table of Contents and specifications that have been issued by Addendum 04.

CUMMING GROUP

DATE: 10/23/2026
RFB NUMBER: B27-002
PROJECT: Centennial High School (CHS)
Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading
SUBJECT: ADDENDUM 4 - PRE-BID RFI QUESTIONS and RESPONSES

PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
26	Removal Action Workplan (RAW)		Sections 01 35 43 and 01 11 00 refer to the project's Removal Action Workplan (RAW). Please provide the RAW, or confirm it isn't part of this contract.	A Removal Action Workplan (RAW) is not part of this contract, currently. A RAW may be required if qualifying materials are discovered or encountered during the work. Any references in the Bid Documents that require a RAW are not to be applied for the project and would only be added by Force Account Directive (FAD), if considered necessary.
27	Schedule Milestones		Section 01 32 00 refers to milestones in "RFB 21(20-21)FP, Exhibit 6," and 01 33 00 refers to "RFB 21(20-21)FP, Exhibit 5." These look like they're from another project. Please confirm whether there are any interim milestones beyond the 150-day Contract Time.	See response to Pre-Bid RFI No. 3. All references to RFB 21(20-21)FP are to be redirected to RFB B27-002. There are no other interim milestones.
28	Contractor Prequalification		The Designated Subcontractors List requires first-tier C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43 and C-46 subs to be prequalified by the District. Does this apply to this demolition project? If so, please share the current list of prequalified firms or the pre-quality process and deadline.	Prequalification is not required for this project. As such, Document 00 43 34 Section 6, noting subcontractors must have been prequalified by the District, does not apply to this project.
29	ASB/HAZ Certification		Please confirm that ASB/HAZ certification can be held by the listed abatement subcontractor and not the prime.	Confirmed, the ASB/HAZ certification can be held by the listed abatement subcontractor and not the prime contractor.
30	Survey Quantities		Are the Encorp survey quantities (Exhibit 2) to be used as the bid basis? Or will quantity variances be handled under the allowance?	Yes. Any variances will be addressed accordingly and in alignment with contract documents.
31	DTSC		Section 00 21 13 says the project is under DTSC authority. Please confirm the district's environmental consultant (Encorp) will provide air monitoring, clearance and project oversight at no cost to the Contractor.	This project is not under DTSC authority. As such, Document 00 21 13.9, Instructions to Bidders, Other Government Agency Participation / Department of Toxic Substances Control (DTSC) is hereby deleted from this contract. Confirmed, the District's environmental consultant will perform air monitoring, clearance, project oversight, etc. under contract with the District. As such, the language shown by Document 00 21 13.9, Instructions to Bidders and Section 00 71 00.21A, Special Conditions is hereby deleted from the Bid Documents.
32	PEA		The PEA notes an in-ground hydraulic lift and a clarifier at the Auto Shop. Are there removal, the cleaning and disposal of their contents, and any related soil sampling in our scope or by others?	The contractor is responsible for determining whether any permits are necessary for removal of these features. Yes, the Contractor is responsible for all work shown within the contract drawings.
33	Former Auto Shop Paint Booth & Incinerator Area		Should the existing auto shop paint booth and the former incinerator area be treated as hazardous, or as standard demolition?	An inspection for the paint booth surfaces and accessible components for lead-based paint is provided in the inspection report. However, additional components of the paint booth filters, intakes, duct systems, etc., shall be treated as Hazardous Waste, unless a waste profile for the demolition materials is performed. The waste profile would need to include common potential contaminants including lead, chromium, chromium 6, etc. California's Department of Toxic Substances Control (DTSC) notes that paint booth filters and other booth components may be hazardous depending on the coating chemistry; testing or SDS review is required to determine status. In this case both the Paint Booth and former incinerator shall be treated as hazardous, unless a waste profile is performed to indicated otherwise.
34	PCB Testing		Will the District provide PCB lab testing for unlabeled ballasts and transformers, or should all unlabeled items be priced as PCB-containing?	Per Section 02080 – Hazardous Materials Abatement Specification, Removal Scope of work, Part 1, Section 1.2 Scope of Work, Item F: The contractor shall be responsible for removal and disposal of all the other Universal Waste hazardous materials as necessary for demolition including all fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, batteries, PCB fluids/transformers and the like that are required to be removed per Contract Document, Demolition Scope, Bid Documents, and otherwise specified documents. All Universal waste materials as outlined in 29 CFR 1910.120 and 8 CCR 5192, including but not limited to fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, exit sign batteries, PCB fluids/transformers are assumed and shall be the responsibility of the contractor and abatement contractor to coordinate removal and disposal procedures.
35	Hazardous Materials		Please confirm how hazardous materials discovered during demolition that are not identified in Exhibits 2–3 (for example concealed ACM in wall cavities, under slabs, or in buried debris outside the AOCs shown in Exhibits 6–7) will be handled: as a change order, or paid under the allowance. Will the District perform the additional testing, and will time lost waiting for testing and clearance extend the Contract Time?	For materials listed as assumed and a quantity provided, the Contractor shall include the assumed material and quantity in their based bid. These materials are assumed to be present and will require abatement. Where demolition identifies asbestos and lead-based materials not previously identified, the District, will contact the project Environmental Consultant to conduct material sampling and provided the additional testing. Any material that is determined to be added scope, will be addressed by construction procedures specified by the General Conditions and General Requirements.

CUMMING GROUP

DATE: 10/23/2026
RFB NUMBER: B27-002
PROJECT: Centennial High School (CHS)
Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading
SUBJECT: ADDENDUM 4 - PRE-BID RFI QUESTIONS and RESPONSES

PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
36	Hazardous Materials		The existing buildings, doors, window frames and steel canopies have deteriorated and peeling paint. Please confirm whether the Encorp survey (Exhibit 2) includes lead-based paint sampling, and provide the results if available. Is lead-based paint to be stabilized or abated before demolition, or may painted components be demolished intact under Cal/OSHA lead requirements and disposed of based on the Contractor's waste characterization?	Lead-based paint materials inspection reports are provided as part of contract documents (see Exhibits 2 & 3). Abatement specifications are provided under Section 02080 – Hazardous Materials Abatement Specifications. Lead-based paint stabilization is only required for surfaces where repainting is to occur. Where complete demolition is to occur, work is to be performed in compliance with the training requirements of OSHA 29 CFR 1926.62 and 8 CCR 1532.1. Abatement and demolition activities of lead containing paints is covered under Section 02080 – Hazardous Materials Abatement Specification, Removal Scope of work, Part 1, Section 1.2 Scope of Work: C. All removal and disturbance of lead-based materials shall be performed by a state-licensed contractor, using CPDH-certified workers with at least one CDPH-certified Supervisor. All removal and disturbance of lead-containing materials (not meeting the definition of "lead-based) as defined in 8 CCR 1532.1, shall be performed by a state-licensed contractor, using lead-trained workers with certification of training meeting the requirements of 8 CCR 1532.1. Abatement contractor's workforce shall be supervised by experienced persons trained, knowledgeable and qualified in the techniques of lead abatement, handling and disposal of lead-containing and/or lead-contaminated materials, and the subsequent cleaning of contaminated areas. D. When exposure monitoring of a particular lead-related task indicates that the permissible exposure limit is or will be exceeded, the contractor shall use CDPH-certified lead workers to complete the task. Contractors performing work that disturbs any LCM must submit proof of negative exposure assessment (NEA) if personal protective equipment is not to be used. E. For Cal/OSHA compliance purposes, all other painted, varnished, and glazed surfaces identified in the Hazardous Materials Survey Report (see Attachment A) as lead-containing surface coatings (LCSCs) require that contractors performing activities that will disturb these surfaces/materials comply with the requirements of 8 CCR 1532.1. These surfaces were identified in the above referenced report to have detectable levels of lead, at concentrations less than 0.7 mg/cm2 lead (the LBP standard) by X-Ray fluorescence. Contractor is responsible for characterization of lead waste prior to waste being transported off site. All waste characterization samples must be taken under the supervision of the onsite consultant. Characterization sample results must be submitted to the District for review prior to waste being transported off site.
37	Hazardous Materials		Please confirm whether refrigerant recovery from existing HVAC and refrigeration equipment, and removal of universal waste (fluorescent lamps, mercury-containing thermostats and switches), are included in the Exhibit 2 survey scope or performed by the District before NTP, or are part of the Contractor's scope.	Per Section 02080 – Hazardous Materials Abatement Specification, Removal Scope of work, Part 1, Section 1.2 Scope of Work, Item F: The contractor shall be responsible for removal and disposal of all the other Universal Waste hazardous materials as necessary for demolition including all fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, batteries, PCB fluids/transformers and the like that are required to be removed per Contract Document, Demolition Scope, Bid Documents, and otherwise specified documents. All Universal waste materials as outlined in 29 CFR 1910.120 and 8 CCR 5192, including but not limited to fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, exit sign batteries, PCB fluids/transformers are assumed and shall be the responsibility of the contractor and abatement contractor to coordinate removal and disposal procedures.
38	Solar Panels		CD1.01 Note 6 says to "Salvage and recycle solar panels, columns and footings." Should the panels be turned over to the district or recycled by the Contractor? Who owns the solar system (District or a PPA provider)? Is the utility/PPA disconnected and decommissioned by the District or the Contractor?	The Contractor shall proceed with the work as shown by the contract documents to salvage & recycle the solar panels, columns & footings, and if necessary, a Force Account Directive (FAD) may be issued to the awarded Contractor. The Contractor shall also submit a schedule to salvage the Solar Panels for approval by the District prior to starting the Work on the Solar Panels.
39	Salvage Items		Please confirm whether the District will remove all furniture, equipment, stored materials and other loose contents not listed on the Exhibit 8 Salvage List before NTP. If any contents will remain, please confirm they may be disposed of by the Contractor as demolition debris.	All items noted to be salvaged will be completed by the District and its vendors. See Exhibit 8, Salvage Items. Any items left may be disposed of legally by the Contractor.
40	Site Utilities		Please list the utility providers serving the site (electric, gas, water, sewer, telecom). Has the District already started service termination requests? Please confirm the Contractor is responsible for the disconnect fees.	Electricity is provided by Southern California Edison. Gas is provided by Southern California Gas Company. Water is provided by California Water Service. Wastewater services by the City of Compton. Telecom services by Verizon. Yes, the Contractor is responsible for disconnect fees.
41	Site Utilities		Which existing utilities must stay in service during demolition (for example the fire service, or service to adjacent properties)? Please confirm the points of connection to be capped at the property line.	Callouts for utilities are shown on demo utility sheet for utility lines to be protected in place and removed. POCs to be capped are noted and located in the drawings. Utilities within the project limits serving adjacent properties must not be disrupted. The Contractor shall be responsible for identifying utilities serving other properties and notifying the Construction Manager. Means of isolation may be necessary to complete the scope of work while maintaining service to adjacent properties. Points of connection and capping locations are shown in the drawings.

CUMMING GROUP

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SUBJECT: ADDENDUM 4 - PRE-BID RFI QUESTIONS and RESPONSES

PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
42	Site Surveys		Will the Contractor be allowed to rely on the GPR/utility survey for bidding, or should we include our own private utility locating?	The Contractor is responsible to field verify all referenced documents. See RFB Exhibit 1, Archived Drawings, Exhibit 11, Survey and ADDENDUM 4 Document 00 31 19, Existing Information & Documents Regarding Project Site. Additionally, refer to General Notes 6 and 7 on sheet C1.00 of the issued bid set of drawings.
43	Monitoring Wells		CD1.01 Note 43 calls for removal of existing monitoring wells. Please confirm their number, depth and ownership, and whether they are still active (Terraphase/DTSC). Will well destruction and the LA County permit be by the Contractor?	The District and their Environmental Consultants are not aware of onsite groundwater monitoring wells. However, the state Geotracker database (https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT4L3741812) indicates that up to seven (7) soil vapor wells are or have been located at the high school, some of which were sampled as recently as January 2026. The wells are owned by the responsible party for an adjacent site (Ujima Village Apartments/Former Athens Tank Farm). The Contractor is responsible to coordinate with the District to notify the responsible party of the need to properly destroy the wells as a part of this scope of work. The Contractor shall assume that there are seven (7) soil vapor wells installed on the Centennial HS property, or along the adjacent right-of-way. The wells are 32 feet deep. The contact information for the responsible party and consultant is listed below. The District is researching to determine if some sort of access agreement between the District and ExxonMobil was completed when the wells were installed in 2012 and 2014, and for any recent correspondence to allow access to the Centennial HS property when the wells were last sampled in January 2026. Terraphase confirms that four (4) of the soil vapor wells are shown on Sheet CD1.01. The other three (3) soil vapor wells appear to be in the street and are not shown on the drawings. In addition, a permit from LA County is not needed for soil vapor well installation or destruction. For the Contractor's coordination the responsible party appears to be: ExxonMobil Environmental and Property Solutions Company Mr. Dok Choe, Senior Portfolio Manager 17853 Santiago Blvd, Suite 107-306, Villa Park CA 92861 310-339-7259 Dok.Choe@exxonmobil.com Their environmental consultant is: Kleinfelder Mark Pate, PG, Senior Project Manager 2280 Market Street, Suite 300, Riverside, CA 92501 951-801-3715
44	Earthwork		Plan Sheet C3.00 shows an estimated import of 41,422 CY, excluding over-excavation and shrinkage. Is the earthwork quantity, including over-excavation, entirely the Contractor's risk, or will variances be handled by unit price or under the allowance?	Civil's earthwork calculations are for reference only. The Contractor shall be responsible for their own calculations. The Contractor is also responsible to complete the scope of work shown by the bid documents. If unforeseen conditions modify the contract scope of work, the Contractor is responsible to proceed with the Work as per the General Conditions and General Requirements. As such, variances will only be considered under the allowance if the scope of work is modified by unforeseen conditions that are documented as bona fide per the General Conditions and General Requirements.
45	Earthwork		Please define the required site condition at turnover to the Increment 02 contractor, including the grade tolerance for the rough-graded pads, the required relative compaction for each area (building pads, pool, paving) where the specifications and the geotechnical report (Exhibit 4) differ, and who is responsible for final compaction testing and certification.	Grade tolerance is 0.05 inch per foot above or below grades indicated. Rough grading for the pavement is not final rough grading. Building pad elevations are final rough grading. Geotechnical report will govern where it differs from the specification. Responsibility for final compaction testing and certification for building pads shall fall under INC 1 contractor.
46	Site Material Crushing		Can the crushed concrete and asphalt from demolition be processed on site and reused as fill or base? Or must all demolition material be exported?	Contractor may provide submittal to complete crushing operations to ¾" per Greenbook Section 200-2 for the review and approval of the District, Architect & Construction Manager prior to starting work. Before implementing this Pre-Bid RFI response, the Contractor shall submit a cost proposal with applicable material credits because an additional cost would apply to the District to backfill with imported material. The Contractor shall also submit the environmental ramifications of this option for the review and approval of the District before proceeding with the Work. Demolition debris may be crushed onsite to use in the ongoing grading operations subject to the following limitations (the environmental ramifications of this option, if any, shall be reviewed & approved by the District). The demolition debris shall be limited to concrete and other non-deleterious materials. Deleterious materials shall be removed including, but not limited to, paper, garbage, ceramic materials, and wood. For structural fill applications, materials shall be crushed to 2 inches in maximum dimension or smaller. The crushed materials shall be thoroughly blended and mixed with onsite soils prior to placement as compacted fill and the amount of blended crushed material shall not exceed 20 percent by volume of placed fill. The blended and mixed materials shall be tested by this the DSA Laboratory of Record prior to placement to ensure the fill is suitable for compaction purposes. In addition, the blended and mixed materials shall be tested by Fenagh or the DSA Laboratory of Record during placement and grading to ensure that the engineered fill has been compacted in a suitable manner.

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PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
47	DSA Laboratory of Record		Will the District's testing lab and geotechnical engineer of record provide the inspections in the DSA 103 (S1a, S2a–S2c) at the district's cost?	Yes, however, the Contractor may be responsible for any additional testing generated by the Contractor, or may be backcharged for any reinspection's or missed inspections.
48	Groundwater		The geotechnical report lists a historic high groundwater level of about 10 ft bgs. If dewatering is needed, will it be paid under the allowance?	Perched groundwater was encountered during site exploration in the following boring excavations: B-1 at 45 feet, B-3 at 43 feet, B-8 at 45 feet, B-10 at 47 feet, and B-11 at 47 feet bgs. Static groundwater was not encountered to a maximum explored depth of 51-1/2 feet bgs. The historical high groundwater level was established by review of California Survey Seismic Hazard Evaluation Reports 027 and 034 (Plate 1.2) entitled "Historically Highest Ground Water Contours". Review of these plates indicates that the historically highest groundwater level for the project site is on the order of 10 feet bgs. Variations in groundwater levels may occur due to variations in ground surface topography, subsurface geologic conditions and structure, seasonal rainfall, local irrigation practices, new construction, and/or other factors. The Contractor is responsible to complete the scope of work shown by the bid documents. If unforeseen conditions modify the contract scope of work, the Contractor is responsible to proceed with the Work as per the General Conditions and General Requirements. As such, variances will only be considered under the allowance if the scope of work is modified by unforeseen conditions that are documented as bona fide per the General Conditions and General Requirements.
49	Tree Report		CD1.01 Note 24 refers to a tree inventory report by Kimley-Horn. Please provide this report. Are any trees to be protected, or do any require City of Compton removal permits?	The Tree Report noted is included in Addendum 04 to the RFB as Exhibit 15. See also ADDENDUM 4 Section 01 56 39, Temporary Tree & Plant Protection as there are trees called to be protected in the drawings.
50	Rain-Day Allowance		Please confirm the duration of the rain-day allowance, if any.	Refer to Specification 01 32 00 Section 1.4.B.7.d.3., issued in the RFB.
51	Traffic Control Plan		Is there a haul route already approved by the City of Compton for demolition export and soil import trucks?	No, it is the Contractor's responsibility to develop a route plan and submit for District and City of Compton approval. See Specifications Section 01 35 43, CEQA Requirements. No City-approved haul route has been identified in the Contract Documents. The Contractor shall determine and obtain any required haul route approvals, permits, or traffic control requirements from the City of Compton and other authorities having jurisdiction. Bidders shall include all costs associated with compliance with applicable agency requirements in their bid.
52	Demolition Notifications & Approvals		Please confirm responsibility for, and the cost of, the following: SCAQMD Rule 1403 demolition notifications and fees; any SCAQMD Rule 403 dust control plan; City of Compton demolition, encroachment and haul permits (if required for a District project); and any other environmental approvals beyond DTSC oversight. Please confirm whether the district has already obtained or applied for any of these.	All Notification, permitting, and licensing fees, Various SCAQMD Rules 1403 Notifications, SCAQMD Procedure 5 Notifications, Equipment Registrations, Any and all SCAQMD Fees for permits, notifications, DOSH Notifications/registrations, CDPH notifications, and all fees associated with demolition and abatement activities of, and all fees implied or otherwise necessary for the work are the responsibility of the Contractor.
53	Temporary Facilities		Section 01 50 00 calls for a District field office trailer (separate from the Contractor's own job site trailer) and Section 01 50 10 calls for three project billboards. Please confirm these are required for this demolition increment.	Yes, a District Field office trailer & three (3) project billboards are required. See Specifications Sections 01 50 00, Construction Facilities and Temporary Utilities and Section 01 50 10, Project Billboards.
54			Deductive Alternate 2 requires the existing perimeter fence to remain. Does the existing fence meet the site security requirements of Section 01 35 60, or will temporary fencing still be needed in some areas?	The Contractor shall review Section 01 35 60, Site Security Requirements (issued by ADDENDUM 04) and compare with the existing conditions and inform the District of any security discrepancies. The need for Temporary Fencing shall be determined by the Contractor's means & methods because the Contractor shall be responsible to continuously confirm that the requirements of Section 01 35 60, Site Security Requirements, are fully implemented at all times, 24 hours per day. The Contractor shall review Section 01 35 60, Site Security Requirements, and consider existing conditions and inform the District of discrepancies, if any. As such, temporary fencing may be required following Contractor review and determination that temporary fencing is necessary for the Contractor to fully conform with Section 01 35 60, Site Security Requirements.
55			Will the District provide the SWPPP WDID and PRDs at NTP and file the NOI in SMARTS? Will the Contractor's QSP take over an existing Risk Level 2 permit?	District will provide the SWPPP WDID and file the NOI in SMARTS. INC 1 Contractor is responsible for providing QSP for INC 1 demolition duration. Increment 2 contractor will take over the existing SWPPP permit.
56			Section 01 30 10 (BIM) is listed in the TOC. Is BIM required for this demolition project?	No, BIM is not required for this project. See revised Table of Contents ADDENDUM 4 Document 00 01 10, Table of Contents.

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PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
57	Future foundations and pool elevations governing over-excavation	C7.00, Over-Excavation Legend and Notes and Sheet Note 2 (drawings PDF p.35); Exhibit 4, Fenagh report J8696-01R, revised July 30, 2025, Sections 5.2.3 and 5.11.3, printed pp.8 and 23	C7.00 bases building-pad removal depths on the bottom of future foundations, distinguishes conventional and mat foundations, and directs bidders to Increment 02 DSA-approved structural foundation and footing drawings. The geotechnical report also bases pool-pad excavation on the bottom of the future pool shell. Please provide or identify where bidders can access those referenced drawings, and identify the governing foundation types, foundation footprints and foundation/pool-bottom elevations needed to apply the stated vertical and horizontal over-excavation criteria. Please confirm the resulting excavation and geogrid limits to be included in Increment 01.	Foundation types and elevations are not within scope. Please be advised the recommended over-excavation depths are estimates, and the DSA Geotechnical Engineer of Record (or representative) must be scheduled 72 hours in advance to be present during grading operations to verify the undocumented fill materials are removed to the target depth prior to placing backfill.
58	Corrected buried asbestos-cement pipe and coal-tar gas-line quantities	Exhibit 3, Procedure 5 Abatement Plan for Asbestos Cement Utility Lines, dated March 9, 2026, pp.1-2	The introductory paragraph on p.1 identifies 500 SF of storm-drain pipe and 200 SF of coal-tar gas line, while the Scope paragraph identifies 200 SF and 500 SF, respectively. Table 1 and cleanup items on p.2 identify 1,500 SF of combined asbestos-cement pipe and 200 SF of gas line. Water-pipe diameter is also stated as both 4-6 inches and 2-6 inches. Please issue a corrected governing schedule showing pipe type, diameter, location, length in LF, the basis for conversion to SF, and the quantity to include in the base bid. The supplied plan is marked DRAFT; please confirm its SCAQMD approval status and provide the final approved plan and applicable conditions.	Asbestos containing coal tar pipes and asbestos cement pipes are assumed as underground utilities. For materials listed as assumed and a quantity provided, the Contractor shall include the assumed material and quantity in their based bid. These materials are assumed to be present and will require abatement under an approved procedure 5 plan. The cost of notification to SCAQMD, Procedure 5 Submittal costs, the cost of abatement of underground asbestos utilities, shall be included in the contractor's scope of work. A total of 1,500 sq ft of Asbestos Cement Pipe is assumed, and a total of approximately 200 sq ft of coal tar pipe is assumed. The SCAQMD notification requirements only use square footages for submittals. The contractor will use these quantities as their base bids. Where additional material is found in addition to the based bid quantities, any material that is determined to be added scope, will be addressed by specified construction procedures, RFI, etc. or per project specifications for addendum, chain order, or other identified procedure in contract documents. The Procedure 5 Document is submitted as a draft for bidding purposes, when underground asbestos pipe is encountered, The District Environmental Consultant will submit a current Procedure 5 plan that represents the conditions of the underground utility.
59	Remediation-by-others release and backfill scope	00 01 01-2, Scope Summary (3); 00 31 19-2, Exhibits 5-7; 01 33 00-4, Section 3.1(B)(8)(e)-(f); 01 35 43-5, Section 1.08(D)(2)-(3); Exhibit 7, Table 1, DRAFT Excavation Areas and Volumes	Soil remediation is excluded from B27-002, but the demolition contractor must backfill excavations resulting from soil removal by others, and foundation/slab demolition is subject to DTSC approval. Exhibit 7 presents draft excavation limits, including boundaries identified as unbounded. Please provide the final remediation limits, excavation depths/as-built surfaces, and environmental release criteria for areas to be handed over to B27-002. Identify the base-bid backfill limits/elevations to assume, the planned release dates or phased access, and the treatment of added backfill, rehandling, and schedule impacts if remediation by others extends beyond those limits or dates.	Soil removal and offsite disposal is complete. The final remediation limits and excavation depths are included in the Soil Removal Completion Report attached to this response as ADDENDUM 4, Exhibit 13.
60	Referenced environmental and earthwork specifications	00 01 10-2 and -3, Table of Contents; technical specification 31 23 13, Sections 1.4(B) and 3.5(C), printed pp.312313-2 and -6; 01 35 43-5, Section 1.08(D)	Please provide or identify where bidders can access Section 01 45 24, Environmental Import/Export Materials Testing, and the referenced hazardous-materials/environmental Sections 02 08 00, 02 55 00 and 02 81 00, together with Section 31 23 15, Dewatering. These sections are listed or referenced but were not located in the supplied Division 01 and DLR technical-specification files. Please confirm which documents establish the required environmental analytical panels, environmental sampling frequency, contamination acceptance/disposal criteria, and allocation of environmental testing costs for import and export under B27-002.	See Section 01 45 24, Environmental Import/Export Materials Testing, and DIV 02-32 specifications issued in Addendum 04.
61	Temporary storm-drain pump and discharge design	C4.00, Temporary Storm Drain System, Parmelee Avenue sump/outlet (drawings PDF p.32); Section 33 40 00, Storm Drainage Utilities; 00 41 13, Bid Form, base-bid scope	C4.00 calls for a sump pump with a discharge flow rate of 60 CFS, inlet invert 77.50 and outlet invert 86.91, connected to the temporary storm-drain discharge. Please confirm the 60 CFS design duty and provide the pump/sump and discharge details needed for pricing, including duty head, pump configuration and redundancy, power/fuel source and controls, together with construction details for the shown 24-inch discharge piping, parkway drain and 4-foot by 4-foot energy dissipator. Identify any pump-specific operating/maintenance requirements and confirm whether the system remains for the subsequent increment or is removed under B27-002.	Temporary storm drain system is only to be installed if the gap between INC 1 and INC 2 is during rainy season. Temporary storm drain system is intended to be removed during the INC 2 construction. Details for pumps and energy dissipator will not be provided. For the temporary system Contractor to coordinate with manufacturer for design of pumps, flow rate and inverts have been provided.
62	Drainage requirements if Deductive Alternate 1 is accepted	00 41 13, Bid Form, Deductive Alternate 1 (Division 00 PDF p.23); C4.00; C6.00 and C6.10; 01 57 23, Section 1.1(B)-(D)	Deductive Alternate 1 omits all costs associated with the temporary storm-drain system shown on C4.00, while stormwater control and functioning drainage/BMP obligations remain in the specifications. If this alternate is accepted, please identify the substitute drainage/outlet arrangement and any pumping, conveyance, detention or treatment facilities that remain in the contractor's scope, and issue the corresponding revised design/SWPPP basis. Please define which related costs are to be deducted and which remain in the base bid.	If the temporary storm drain system is not installed, it is the Contractor's responsibility for dewatering the site. The erosion control BMP's are shown in the Erosion Control Plan and SWPPP that are required to be installed onsite.

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PRE-BID RFI QUESTIONS & RESPONSES

Pre-Bid RFI #	Subject	Section / Drawing	Pre-Bid RFI Question	Pre-Bid RFI Response
63	Salvage responsibility and remaining work at NTP	00 31 19-2, Exhibit 8; G0.02, General Note 40; Exhibit 8, Salvage Spreadsheet dated August 28, 2026, pp.1-4, including items 30, 31 and 35.2	The contract identifies Exhibit 8 as work for the selected contractor to salvage before demolition, while the spreadsheet assigns numerous items to CUSD and includes items requiring verification or a pending retain/remove decision. Please issue an updated, marked salvage list identifying items already removed or to be removed by the District/others before NTP, and the items and quantities remaining for this contractor. For contractor-assigned items, identify delivery/storage locations and required handling or reinstallation. Please resolve the retain-in-place/removal status of the gate motors and the thermostat scope noted for prior vendors.	All items noted to be salvaged in Exhibit 8, Salvage Items, will be completed by the District and its vendors. Any items that remain may be disposed of legally by the Contractor.
64	Temporary power source and SCE removal limits	01 50 00-1, Part 1(A)(1) (Division 01 PDF p.87); G0.02, General Note 38(A)-(E) (drawings PDF p.2); CD2.01, Utility Demolition Plan - Electrical	Section 01 50 00 states that the District will provide electrical service to a single temporary power pole/panel, with contractor connections and distribution. G0.02 Note 38(A) instead leaves the temporary-power approach, including use of existing service versus generators, to coordination with SCE and the awarded contractor. Please confirm the base-bid power source and, if District-provided, its location, capacity and availability dates. Please provide any available SCE-approved disconnection/removal plan and identify the termination point and SCE-owned equipment removed by SCE versus the contractor. If decisions remain pending, establish the base-bid service-removal and retained-circuit limits, including the Musco system isolation point.	Temporary power requirements shall be coordinated by the awarded contractor with the District and Southern California Edison (SCE) as indicated in Sheet G0.02 Note 38. Bidders shall include all costs necessary to provide temporary power for construction operations, including evaluation of utilizing the existing electrical service or temporary generators. No SCE-approved disconnection/removal plan is available for bidding purposes. Per Note 38(B), the awarded contractor shall coordinate with SCE to establish final removal limits, points of termination, and disposition of existing SCE-owned electrical equipment. Final service removal limits, points of termination, disposition of SCE-owned equipment, and service disconnection requirements will be established through post-award coordination with SCE. The existing Musco lighting and control system shall be disconnected and capped at an appropriate location, with portions designated to remain preserved and protected for future reconnection under Increment 02. The final isolation point shall be coordinated after award.
65	QSP and site-maintenance duration through the next increment	00 31 19-2, Exhibit 9; Agreement 00 45 10-2, Paragraph 4; G0.02, General Note 37; 01 57 23-1, Section 1.1(B)(5)	The agreement establishes 150 consecutive calendar days from NTP, while Exhibit 9 requires this contractor to perform the District's QSP work and transfer the site to the next general contractor, anticipated to be selected/awarded in 2027. General Note 37 also refers to an approximately 12-month interval between increments. Please state the duration and transfer milestone bidders must include for QSP services, sampling, BMP inspection/maintenance, erosion stabilization and temporary drainage operation after demolition/grading completion. Please identify the pricing and time-adjustment basis if the successor contractor does not accept the site by that milestone.	DLR Response and revised note: General Note 37: The anticipated interval between Increment 01 and Increment 02 is expected to be up to twelve (12) months and is provided for planning purposes only. This note does not modify the Contract Time for Increment 01, which shall remain 150 consecutive calendar days from Notice to Proceed as established in the Agreement. Any services required beyond the Contract Time shall be subject to separate authorization by the District. See response to Pre-Bid RFI No. 3 for contract duration clarification. Any services required beyond the Contract Time shall be subject to separate authorization by the District.
66	Correct construction access location	Special Conditions 00 71 00-2, Section 6(B) and (E)-(G) (Division 00 PDF p.159); C1.00/CD1.00 site location and street frontages	Section 6(B) designates the Alondra Boulevard/South Oleander Avenue intersection for employee access and deliveries, while the Centennial High School drawings show the project at North Central Avenue, El Segundo Boulevard, Parmelee Avenue and 131st Street. Please confirm the intended campus access gate(s) for employees, deliveries and heavy-haul trucks and correct Section 6(B). Please also identify any project-specific loading/hauling time restrictions beyond the stated Monday-Friday, 7:00 a.m.-5:00 p.m. work window.	Special Conditions 00 71 00 Section 6.(B) has been revised as follows to reflect Centennial High School campus location and potential access points: 6. <u>JOBSITE ACCESS</u> (B) The Contractor may use the entry gate off Central Ave. or the north parking lots for employee entrance/egress to the campus and for deliveries. Contractor's employees shall be restricted to immediate Work areas on the job site, and shall not go beyond Work limits, or as directed by the District's Construction Manager or District. The Contractor's work hours are noted in Special Conditions 00 71 00 Section 6.(E). See response to Pre-Bid RFI No. 14 for additional information.

ADDENDUM 04

DOCUMENT 00 01 10

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DIVISION 33

Section	Title
33 40 00	Storm Drain Utilities *(see 10/30/25 Project Manual of DLR Group DSA Approved Specifications)*

END OF DOCUMENT

DOCUMENT 00 01 15

LIST OF DRAWINGS & EXHIBITS

1.0 LIST of DRAWINGS

Page No. Title

1 Sheet G0.00, Cover Sheet INC 01
2 Sheet G0.02, General Notes & Project Information (Addendum 02)
3 Sheet G0.03, Symbols & Abbreviations
4 Sheet C1.00, General Notes, Legends, and Abbreviations (Addendum 02)
5 Sheet CD1.00, Overall Site Demolition Plan (Addendum 02)
6 Sheet CD1.01, Enlarged Site Demolition Plan (Addendum 02)
7 Sheet CD1.02, Enlarged Site Demolition Plan (Addendum 02)
8 Sheet CD1.03, Enlarged Site Demolition Plan (Addendum 02)
9 Sheet CD1.04, Enlarged Site Demolition Plan (Addendum 02)
10 Sheet CD1.05, Enlarged Site Demolition Plan (Addendum 02)
11 Sheet CD1.06, Enlarged Site Demolition Plan (Addendum 02)
12 Sheet CD1.07, Enlarged Site Demolition Plan (Addendum 02)
13 Sheet CD1.08, Enlarged Site Demolition Plan (Addendum 02)
14 Sheet CD2.00, Composite Utility Plan (Addendum 02)
15 Sheet CD2.01, Utility Demolition Plan-Electrical (Addendum 02)
16 Sheet CD2.02, Utility Demolition Plan-Telecom and Gas (Addendum 02)
17 Sheet CD2.03, Utility Demolition Plan-Wet Utilities (Addendum 02)
18 Sheet C3.00 Overall Rough Grading Plan (Addendum 01)
19 Sheet C3.01 Enlarged Rough Grading Plan (Addendum 01)
20 Sheet C3.02 Enlarged Rough Grading Plan (Addendum 01)
21 Sheet C3.03 Enlarged Rough Grading Plan (Addendum 01)
22 Sheet C3.04 Enlarged Rough Grading Plan (Addendum 01)
23 Sheet C3.05 Enlarged Rough Grading Plan (Addendum 01)
24 Sheet C3.06 Enlarged Rough Grading Plan (Addendum 01)
25 Sheet C3.07 Enlarged Rough Grading Plan (Addendum 01)
26 Sheet C3.08 Enlarged Rough Grading Plan (Addendum 01)
27 Sheet C3.10, Rough Grading Sections (Addendum 01)
28 Sheet C3.11, Rough Grading Sections (Addendum 01)
29 Sheet C3.12, Rough Grading Sections (Addendum 01)
30 Sheet C3.13, Rough Grading Sections (Addendum 01)
31 Sheet C3.14, Rough Grading Sections (Addendum 01)
32 Sheet C4.00 Temporary Storm Drain System (Addendum 02)
33 Sheet C6.00 Erosion Control Plan (Addendum 01)
34 Sheet C6.10 Erosion Control Details (Addendum 01)
35 Sheet C7.00 Over-Excavation Plan and Geotechnical Notes (Addendum 02)
36 Sheet AD0.1 Site Plan Demolition

EXHIBITS	Title
Exhibit 1	Archived Drawings
Exhibit 2	ACM and Lead Survey Report
Exhibit 3	Abatement Plan
Exhibit 4	Geo-Technical Report
Exhibit 5	Preliminary Environmental Analysis (PEA)
Exhibit 6	Step-Out Sample Locations
Exhibit 7	Step-Out Sample Results
Exhibit 8	Salvage Items
Exhibit 9	Stormwater Pollution Prevention Plan (SWPPP)
Exhibit 10	Project Forms
Exhibit 11	Survey
Exhibit 12	Native American Monitoring Agreement (Addendum 04)
Exhibit 13	Soil Removal Completion Report (Addendum 04)
Exhibit 14	Approved Mitigated Negative Declaration (Addendum 04)
Exhibit 15	Tree Report (Addendum 04)

END OF DOCUMENT

ADDENDEM 4

DOCUMENT 00 31 19

EXISTING INFORMATION AND DOCUMENTATION REGARDING PROJECT SITE

1. Summary

This document describes existing conditions at or near the Project and use of information available regarding existing conditions. **This document and the referenced reports and Exhibits are not part of the Contract Documents**. See General Conditions for definition(s) of terms used herein. Contractor is required to request from the District a copy of any reports that it believes are necessary to perform Contractor's Work in a safe, efficient and workman-like manner.

2. Reports and Information on Existing Conditions

a. Documents providing a general description of the Site and conditions of the Work may have been collected by District, its consultants, contractors, and tenants. These documents may include previous contracts, contract specifications, tenant improvement contracts, as-built drawings, utility drawings, and information regarding underground facilities.

b. Information regarding existing conditions may be inspected at the District offices or the Construction Manager's offices, if any, and copies may be obtained at cost of reproduction and handling upon Bidder's agreement to pay for such copies. These reports, documents, and other information are **not** part of the Contract Documents.

c. Information regarding existing conditions may also be included in the Project Manual, but shall **not** be considered part of the Contract Documents.

d. The reports and other data or information regarding existing conditions and underground facilities at or contiguous to the Project are the following:

Exhibit #	Exhibit Title	Purpose
1	**ARCHIVED DRAWINGS**	For Reference Only Documentation for the Contractor's information only. Includes the entire set of drawings archived by the District. NOTE: Record or "As-Built" drawings do not exist apart from these drawings.
2	**ACM AND LEAD SURVEYREPORT by ENCORP, dated Jan 22-29, Feb 2-4, 9-11, 17-24 & Mar 2, 3, 6 & 9 2026.**	For selected Contractor to locate and quantify existing aboveground and underground campus-wide building hazardous materials for abatement by the selected Contractor prior to demolition.
3	**ABATEMENT PLAN by ENCORP, dated March 9, 2026**	For selected Contractor to execute the Procedure 5 Abatement Plan for Asbestos Cement Utility Lines prior to demolition.

4	**GEOTECHNICAL REPORT by FENAGH, dated July 30, 2026**	For selected Contractor to review and accept in accordance with the General Conditions prior to demolition.

Exhibit #	Exhibit Title	Purpose
5	**PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) REPORT by Terraphase, dated April 29, 2026**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site. Soil Remediation to be completed by others.
6	**STEP-OUT SAMPLE LOCATIONS by Terraphase, issued June 29, 2026**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site. Soil Remediation to be completed by others.
7	**STEP-OUT SAMPLE RESULTS by Terraphase, issued June 29, 2026**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site. Soil Remediation to be completed by others.
8	**SALVAGE ITEMS**	For selected Contractor to salvage prior to demolition.
9	**STORMWATER POLLUTION PREVENTION PLAN (SWPPP)**	District shall provide SWPPP at or before NTP for execution by the selected Contractor to complete Work as the District's Qualified SWPPP Practitioner (QSP) and to transfer the site to the General Contractor to be selected for the new CHS Project (to be selected and awarded in 2027). The Contractor shall review the following to prepare their bid to complete Work as the District's QSP for this project: 1) Sheet C6.00, Erosion Control Plan 2) Sheet C6.10, Erosion Control Details
10	**PROJECT FORMS**	For the selected Contractor's review & use to complete Work.
11	**SURVEY**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site.
12	**NATIVE AMERICAN MONITORING AGREEMENT**	For selected Contractor to complete work per Specifications Section 01 11 00.1.29, Summary of Work, Native American Agreement.
13	**SOIL REMOVAL COMPLETION REPORT**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site.
14	**APPROVED NEGATIVE DECLARATIONS (MNDs)**	For selected Contractor to complete work per Specifications Section 01 35 43 Construction Management Plan (CMP) & Traffic Control Plan (TCP).
15	**TREE REPORT**	For Reference Only Documentation for the Contractor's information only to inform & orient the Contractor concerning the site.

3. **Geotechnical Data**. The Contractor may request Geotechnical data at or near the Project that is in the District's possession and available for Contractor's review.

   a. **Geotechnical Reports**. Geotechnical reports that may have been prepared for and around the Site by soil investigation engineers hired by the District and its consultants, contractors, and tenants. Geotechnical reports may be inspected at the District offices or the Construction Manager's offices, if any, and copies may be obtained at cost of reproduction and handling upon Bidder's agreement to pay for such copies. These reports are **not** part of the Contract Documents.

4. **Use of Information**

   a. Information regarding existing conditions was obtained only for use of District and its consultants, contractors, and tenants for planning and design and is **not** part of the Contract Documents.

   b. District does not warrant, and makes no representation regarding, the accuracy or thoroughness of any information regarding existing conditions. Bidder represents and agrees that in submitting a bid it is not relying on any information regarding existing conditions supplied by District.

   c. Under no circumstances shall District be deemed to warrant or represent existing above-ground conditions, as-built conditions, or other actual conditions, verifiable by independent investigation. These conditions are verifiable by Contractor by the performance of its own independent investigation that Contractor must perform as a condition to bidding, and Contractor should not and shall not rely on this information or any other information supplied by District regarding existing conditions.

   d. Any information shown or indicated in the reports and other data supplied herein with respect to existing underground facilities at or contiguous to the Project may be based upon information and data furnished to District by the District's employees and/or consultants or builders of such underground facilities or others. District does not assume responsibility for the completeness of this information, and Bidder is solely responsible for any interpretation or conclusion drawn from this information.

   e. District shall be responsible only for the general accuracy of information regarding underground facilities, and only for those underground facilities that are owned by District, and only where Bidder has conducted the independent investigation required of it pursuant to the Instructions to Bidders, and discrepancies are not apparent.

5. **Limited Reliance on Certain Information**

   a. Reference is made herein for identification of:

      (1) Reports of explorations and tests of subsurface conditions at or contiguous to the Site that have been utilized by District in preparation of the Contract Documents.

      (2) Drawings of physical conditions in or relating to existing subsurface structures (except underground facilities) that are at or contiguous to the Site and have been utilized by District in preparation of the Contract Documents.

   b. Bidder may rely upon the general accuracy of the "technical data" contained in the reports and drawings identified above, but only insofar as it relates to subsurface conditions, provided Bidder has conducted the independent investigation required pursuant to Instructions to Bidders, and discrepancies are not apparent. The term "technical data" in the referenced reports and drawings

shall be limited as follows:

(1) The term "technical data" shall include actual reported depths, reported quantities, reported soil types, reported soil conditions, and reported material, equipment or structures that were encountered during subsurface exploration. The term "technical data" does not include, and Bidder may not rely upon, any other data, interpretations, opinions or information shown or indicated in such drawings or reports that otherwise relate to subsurface conditions or described structures.

(2) The term "technical data" shall not include the location of underground facilities.

(3) Bidder may not rely on the completeness of reports and drawings for the purposes of bidding or construction. Bidder may rely upon the general accuracy of the "technical data" contained in such reports or drawings.

(4) Bidder is solely responsible for any interpretation or conclusion drawn from any "technical data" or any other data, interpretations, opinions, or information provided in the identified reports and drawings.

6. Investigations/Site Examinations

a. Before submitting a Bid, each Bidder is responsible for conducting or obtaining any additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and underground facilities) at or contiguous to the Site or otherwise, that may affect cost, progress, performance, or furnishing of Work or that relate to any aspect of the means, methods, techniques, sequences, or procedures of construction to be employed by Bidder and safety precautions and programs incident thereto or that Bidder deems necessary to determine its Bid for performing and furnishing the Work in accordance with the time, price, and other terms and conditions of Contract Documents.

b. On request, District will provide each Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies, as each Bidder deems necessary for submission of a Bid. Bidders must fill all holes and clean up and restore the Site to its former condition upon completion of its explorations, investigations, tests, and studies. Such investigations and Site examinations may be performed during any and all Site visits indicated in the Invitation to Bid and only under the provisions of the Contract Documents, including, but not limited to, proof of insurance and obligation to indemnify against claims arising from such work, and District's prior approval.

END OF DOCUMENT

ADDENDUM 4

DOCUMENT 00 45 10

AGREEMENT

This agreement is made and entered into on _____, 202_____, by and between the **Compton Unified School District** ("District") and _____ _____ ("Contractor") ("Agreement"). The District and the Contractor agree as follows:

1. **The Work:** Contractor shall furnish all tools, equipment, apparatus, facilities, labor, and material necessary to perform and complete in a good and workmanlike manner, the work of the following project:

Centennial High School (CHS) Increment 1 Campus Wide Structure & Utility Demolition with Grading

The Work shall be performed and completed as required in the Contract Documents as defined in the General Conditions including, without limitation, the Drawings and Specifications, under the direction and supervision of, and subject to, the approval of the District or its authorized representative.

2. **The Contract Documents**:

a. The complete Contract consists of all Contract Documents as defined in the General Conditions and incorporated herein by this reference. All obligations of the District and Contractor are fully set forth and described in the Contract Documents. The Contract Documents are intended to cooperate so that Work called for in one and not mentioned in the other or vice versa is to be performed the same as if mentioned in all Contract Documents.

b. **Interpretation of Contract Documents/Order of Precedence**: Questions concerning the intent, precedence, or meaning of the Contract Documents, including the Drawings or Specifications, shall be submitted to the District for interpretation. Inconsistencies in the Contract Documents shall be resolved by giving precedence in the following order:

(i) District-approved modifications, beginning with the most recent (if any);
(ii) Agreement;
(iii) Special Conditions (if any);
(iv) Supplemental Conditions (if any);
(v) General Conditions;
(vi) Remaining Division 0 documents (Documents beginning with "00");
(vii) Division 1 Documents (Documents beginning with "01");
(viii) Division 2 through Division 49 documents (Technical Specifications);
(ix) Figured dimensions;
(x) Large-scale drawings;
(xi) Small-scale drawings.

In case of conflict, the greater quantity and/or higher standard of workmanship shall apply unless the District expressly in writing (e.g., via a Change Order) accepts a lesser quantity or lower quality of workmanship and the Contract Price is adjusted accordingly. The decision of the District in the matter shall be final.

3. **Integration / Modification.** The Contract Documents and any documents specifically incorporated by

reference are completely integrated as the complete and exclusive statement of the terms of the Agreement. This Agreement supersedes all previous contracts, agreements, and / or communications, both oral and written, and constitutes the entire understanding of the District and Contractor. No extrinsic evidence whatsoever shall be admissible or used to explain or supplement the terms of the Contract, Contract Documents, or any items incorporated by reference. No changes, amendments or alterations shall be effective unless in writing, signed by both Parties, and unless provided otherwise by the Contract Documents.

4. **Time for Completion**: It is hereby understood and agreed that the Contractor shall complete the Work within **TWO-HUNDRED AND FORTY (240)** consecutive calendar days ("**Contract Time**") from the date specified in the District's Notice to Proceed. The District shall not approve an early completion schedule by Contractor. A schedule showing the Work completed in less than the Contract Time indicated in the Contract, shall be considered to have Project Float.

5. **Completion-Extension of Time**: If Contractor fails to complete the Work within the Contract Time, due allowance being made for the contingencies provided for herein, Contractor shall become liable to District for all loss and damage that District may suffer on account thereof. Contractor shall coordinate its Work with the work of all other contractors. The District shall not be liable for delays resulting from Contractor's failure to coordinate its Work with other contractors in a manner that allows for timely completion of Contractor's Work. Contractor shall be liable for delays to other contractors caused by Contractor's failure to coordinate its Work with the work of other contractors.

6. **Liquidated Damages**: Time is of the essence for all Work to be performed. It is hereby understood and agreed that it is and will be difficult and/or impossible to ascertain and determine the actual damage that District will sustain in the event of and by reason of Contractor's delay; therefore, pursuant to Government Code section 53069.85 and Public Contract Code section 7203, Contractor shall forfeit and pay to District the following sum(s) as liquidated damages ("Liquidated Damages"):

   - **Project Completion: $1,500** per day as Liquidated Damages for each and every day's delay beyond the Contract Time to complete all the Work.

   a. Each portion of the Liquidated Damages shall be calculated cumulatively. For example, if Contractor is late in completing two milestones and the entire Project, Contractor will forfeit and pay three separate Liquidated Damages amounts. It is hereby understood and agreed that neither the total cumulative Liquidate Damages amount nor any portion of the Liquidated Damage amount are penalties.

   b. District may deduct Liquidated Damages from money due or that may become due Contractor under this Agreement. Contractor's forfeiture of Liquidated Damages to District, and District's right to retain Liquidated Damages, are as indicated in Government Code section 53069.85 and as indicated herein and in the General Conditions. Liquidated Damages are automatically and without notice of any kind forfeited and payable by Contractor upon the accrual of each day of delay. Neither District's failure or delay in deducting Liquidated Damages from payments otherwise due the Contractor, nor District's failure or delay in notifying Contractor of the forfeiture and payment of Liquidated Damages, shall be deemed a waiver of District's right to Liquidated Damages and/or the District's right to withhold Liquidated Damages from any amounts that would otherwise be payable to the Contractor.

   c. Contractor and Surety shall be liable for and pay to District the entire amount of Liquidated Damages including any portion that exceeds the amount of the Contract Price then held, retained or controlled by District.

d. Liquidated Damages shall be in addition, and not in lieu of, District's right to charge Contractor for the District's cost of completing or correcting items of the Work.

7. **Contract Price**: In consideration of the foregoing covenants, promises, and agreements, Contractor offers, in the amounts stated below, to perform the Work according to the Contract Documents. District covenants, promises, and agrees that it will pay and cause to be paid to Contractor in full, and as the Contract Price the following amount(s):

_____ Dollars ($ _____)
(**Base Contract Amount**)

+ _____ Dollars ($ _____)
Allowance Amount) **[LIST ALLOWANCE TYPE AND AMOUNT, IF APPLICABLE]**

= _____ **Dollars ($ _____)**
("Contract Price")

a. **THE ABOVE ALLOWANCES ARE WITHIN THE CONTRACT PRICE ONLY TO THE EXTENT CONTRACTOR HAS PERFORMED WORK ENCOMPASSED BY THE ALLOWANCE DESCRIPTION, CONTRACTOR HAS APPROPRIATELY INVOICED FOR THAT WORK, AND DISTRICT HAS APPROVED CONTRACTOR'S INVOICE. CONTRACTOR SHALL INVOICE ONLY FOR COMPONENTS OF THE WORK ENCOMPASSED BY THE ALLOWANCE DESCRIPTION, IN THE IDENTICAL STRUCTURE AS A CHANGE ORDER. THE UNUSED PORTION OF EACH ALLOWANCE SHALL BE RETAINED BY THE DISTRICT.**

b. The Contract Price shall be paid in lawful money of the United States pursuant to the payment provisions in the General Conditions.

c. The District may, at its sole discretion, increase or decrease the Contract Price by unit prices or alternates contained in Contractor's original bid. If the Bid for the Work included proposal(s) for Alternate Bid Item(s), during Contractor's performance of the Work, the District may elect to add any such Alternate Bid Item(s) if the that item did not form a basis for award of the Agreement or delete any such Alternate Bid Item(s) if that item formed a basis for award of the Agreement. If the District elects to add or delete an Alternate Bid Item(s) pursuant to the foregoing, the cost or credit for that Alternate Bid Item(s) shall be as set forth in the Contractor's Bid, at the District's discretion. If any Alternate Bid Item is added or deleted from the Work pursuant to the foregoing, the Contract Time shall be adjusted by the number of days allocated for the added or deleted Alternate Bid Item in the Contract Documents; if days are not allocated for any Alternate Bid Item added or deleted pursuant to the foregoing, the Contract Time shall be equitably adjusted.

8. **Insurance and Bonds**: Contractor shall provide all required certificates of insurance, and payment and performance bonds.

9. **Performance of Work**: If Contractor fails to perform the Work properly or fails to perform any provisions of this Contract, the District, may, pursuant to the General Conditions and without prejudice to any other remedy it may have, cure the deficiencies and deduct the cost thereof from the payment then or thereafter due Contractor.

10. **Infectious Diseases or Viruses.** Contractor is responsible for complying with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with any pandemic, public health emergency, infectious disease or virus (e.g., COVID-19 or derivative strain, etc.). Contractor shall ensure it has supervisor employees onsite that are trained and knowledgeable of all of these requirements to ensure full compliance on Project Site(s).

11. **Authority of Architect, Project Inspector, and DSA**: Contractor hereby acknowledges that the Architect(s), the Project Inspector(s), and the Division of the State Architect have authority to approve and/or stop Work if Contractor's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws. Contractor shall be liable for any delay caused by its non-compliant Work.

12. **Assignment of Contract**: Neither the Contract, nor any part thereof, nor any moneys due or to become due thereunder, may be assigned by Contractor without the written approval of District, nor without the written consent of the Surety on Contractor's Performance Bond (the "Surety"), unless the Surety has waived in writing its right to notice of assignment.

13. **Classification of Contractor's License**: Contractor hereby acknowledges that it currently holds the following valid Contractor's licenses issued by the State of California, Contractor's State Licensing Board, in accordance with division 3, chapter 9, of the Business and Professions Code and in the classification called for in the Contract Documents**:** [**LIST ALL CONTRACTOR'S LICENSE CLASSIFICATIONS HERE**]

14. **Payment of Prevailing Wages**: Contractor and all Subcontractors under Contractor shall pay all workers on Work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code.

15. **Contractor & Subcontractor Registration**: Contractor shall comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including complying with any applicable enforcement by the Department of Industrial Relations.

16. **Authority of Contractor's Representative**: Contractor hereby certifies that its legal representative as defined in the General Conditions and the person(s) it employees on the Project at or above the level of project superintendent, each have the authority to legally bind the Contractor.

17. **Severability**: If any term, covenant, condition, or provision of the Contract Documents is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions in the Contract Documents shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby.

18. **Notice**: Any notice required by the Agreement shall be in writing, dated and signed by the party giving notice or by a duly authorized representative of that party. Notice shall be served and considered effective if given in one of the following manners and to the following persons and addresses:

    a. By personal delivery; considered delivered on the day of delivery.

    b. By overnight delivery service; considered delivered one (1) day after date deposited, as indicated by

the delivery service.

c. By depositing same in United States mail, enclosed in a sealed envelope; considered delivered three (3) days after date deposited, as indicated by the postmarked date.

d. By registered or certified mail with postage prepaid, return receipt requested; considered delivered on the day the notice is signed for.

If to District	**If to Contractor:**
Compton Unified School District	@Contractor
_____	_____
_____, CA _____	_____, CA _____
ATTN: _____	ATTN: _____

19. Counterparts. This Agreement may be executed in any number of counterparts each of which shall be deemed to be an original and all of which together shall be deemed one and the same instrument.

IN WITNESS WHEREOF, accepted and agreed on the date indicated above:

Dated: _____, 20_____	Dated: _____, 20_____
Compton Unified School District	_____ **Contractor**
Signature: _____	Signature: _____
Print Name: _____	Print Name: _____
Print Title: _____	Print Title: _____

NOTE: If the Contractor is a corporation, Contractor must attach a certified copy of the corporation's by-laws, or of the resolution of the Board of Directors of the corporation, authorizing the above person to execute this Agreement and the bonds required by the Contract Documents.

END OF DOCUMENT

SECTION 01 11 10

WORK REQUIREMENTS

PART 1 – GENERAL

1.1 SUMMARY

(A) The Work consists of furnishing all labor, materials, equipment, transportation, and incidentals necessary to complete **Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading** for the Project, including but not limited to:

- Demolition of existing site improvements and utilities
- Hazardous materials coordination, including asbestos-containing materials (ACM), lead-containing materials (LCM), and universal waste in accordance with Hazardous Materials Reports and Specifications
- Clearing and grubbing
- Mass grading and rough grading
- Overexcavation and recompaction
- Export and import of soils
- Temporary storm drainage systems
- Erosion and sediment control measures
- Utility demolition and protection
- Survey control and layout
- All work required to prepare the site for future construction under Increment 2

(B) The intent of this Work is to deliver a properly prepared and constructible site platform that supports future construction. The Contractor shall coordinate all Work to ensure compatibility with the ultimate design, whether or not such design is fully shown in these Contract Documents.

1.2 INCREMENTAL CONSTRUCTION COORDINATION

(A) The Project is being delivered in multiple increments. This Contract includes **Increment 01 - Campus Wide Structure and Utility Demolition & Rough Grading** only. Future work, including buildings, underground utilities, and site improvements, will be constructed under separate contracts (Increment 2).

(B) Although Increment 1 documents are issued as a standalone package for permitting purposes, the Contractor is advised that the Work does not exist independently in the field and must be coordinated with the ultimate build-out of the Project.

(C) The Contractor shall review all available reference documents and shall perform Work in a manner that does not conflict with future construction, including but not limited to:

- Anticipated underground utility corridors
- Building pad locations and elevations
- Drainage systems and flowlines
- Electrical and communications infrastructure

(D) The Contractor shall notify the District of any discrepancies, conflicts, or missing information that may impact future work prior to proceeding.

(E) Failure to identify coordination conflicts that are reasonably inferable from the documents

shall not be basis for additional compensation.

1.3 DEMOLITION SCOPE

(A) The Work includes demolition and removal of existing improvements within the limits of work, including:

- Existing pavements, curbs, gutters, sidewalks, and hardscape
- Existing site utilities (abandoned or to be removed)
- Existing site features, foundations, and below-grade improvements as indicated
- Vegetation, trees, stumps, and root systems within grading limits

(B) Demolition shall include removal to depths necessary to accommodate new grading and future construction.

(C) Items indicated to remain shall be protected in place. The Contractor shall be responsible for damage resulting from demolition operations.

(D) Utility disconnections shall be coordinated with agencies having jurisdiction. The Contractor shall verify status of all utilities prior to removal.

(E) Hazardous Materials:

1. The Work includes coordination with hazardous materials abatement activities identified in the Contract Documents, including but not limited to asbestos-containing materials (ACM), lead-containing materials (LCM), and universal waste.

2. Hazardous materials abatement is described in the Hazardous Materials Abatement Specifications and associated reports prepared by ENCORP and included in the Contract Documents.

3. The Contractor shall coordinate all demolition and earthwork activities with hazardous materials abatement operations, including access, sequencing, and protection of adjacent work.

4. The Contractor shall assume that hazardous materials may be encountered during demolition and excavation operations and shall coordinate accordingly.

1.4 EARTHWORK AND GRADING

(A) The Work includes all operations necessary to complete mass grading and rough grading, including:

- Excavation and fill
- Overexcavation and recompaction
- Moisture conditioning and compaction
- Establishment of building pads (rough grade)
- Grading for drainage patterns and site accessibility

(B) Grading shall be performed to support the final design intent, including future utilities and structures.

(C) The Contractor shall be responsible for balancing site earthwork and coordinating import/export operations.

(D) No additional compensation will be provided for rehandling of soils resulting from poor sequencing or coordination.

1.5 OVEREXCAVATION AND GEOTECHNICAL REQUIREMENTS

(A) Overexcavation shall be performed where required by the Geotechnical Report and as indicated on the plans.

(B) The Contractor shall coordinate all overexcavation with grading operations and shall maintain subgrade stability.

(C) If unsuitable soils are encountered, the Contractor shall notify the District prior to proceeding.

1.6 TEMPORARY DRAINAGE AND EROSION CONTROL

(A) The Work includes installation and maintenance of temporary storm drainage systems necessary to manage site runoff during construction.

(B) The Contractor shall provide erosion and sediment control measures in accordance with the SWPPP and applicable regulations.

(C) Temporary systems shall be coordinated with grading operations and maintained throughout construction.

1.7 UTILITY DEMOLITION AND PROTECTION

(A) The Work includes demolition, removal, abandonment, or protection of existing utilities as indicated.

(B) The Contractor shall verify all existing utilities, including depth and alignment, prior to excavation.

(C) Utilities to remain shall be protected and maintained in service.

(D) Where utilities conflict with grading, the Contractor shall notify the District for direction prior to proceeding.

(E) Underground Hazardous Utilities (Procedure 5 Work):

1. Existing underground utilities may include asbestos cement (transite) piping and coal tar wrapped gas lines.

2. Identified materials include, but are not limited to:
   a. Asbestos Cement Pipe (ACP):
      - 2”–6” diameter water lines (~500 SF)
      - 4”–8” diameter sewer lines (~500 SF)
      - 8”–12” diameter storm drain lines (~500 SF)
   b. Coal tar wrapped gas lines (~200 SF)

3. These materials are presumed asbestos-containing and shall be handled in accordance with SCAQMD Rule 1403 and Procedure 5 requirements.

4. Removal of these materials shall be performed by a licensed asbestos abatement contractor under an approved Procedure 5 Abatement Plan.

5. The Contractor shall coordinate excavation, exposure, and access for these utilities with the abatement contractor.

6. No disturbance of suspected asbestos-containing utilities shall occur until proper abatement procedures are implemented.

1.8 HAZARDOUS MATERIALS AND ABATEMENT COORDINATION

(A) General:

1. Hazardous materials identified within the Project site include asbestos-containing materials (ACM), lead-containing materials (LCM), and universal waste.

2. Hazardous materials are documented in the following:
   a. Underground Asbestos Pipe Survey Report
   b. Procedure 5 Abatement Plan
   c. Hazardous Materials Abatement Specifications

(B) Contractor Responsibilities:

1. The Contractor shall coordinate all Work with hazardous materials abatement activities, including:
   a. Scheduling and sequencing
   b. Site access and excavation support
   c. Protection of work areas
   d. Compliance with regulatory requirements

2. The Contractor shall not disturb any identified or suspected hazardous materials.

3. All hazardous materials removal shall be performed by properly licensed abatement contractors in accordance with:
   - Cal/OSHA (Title 8 CCR)
   - SCAQMD Rule 1403
   - 29 CFR 1926.1101

(C) Procedure 5 Requirements:

1. Underground asbestos-containing utilities shall be removed in accordance with an approved SCAQMD Procedure 5 Plan.

2. The Contractor shall allow a minimum of 14 calendar days for regulatory notification prior to commencement of abatement work.

3. Excavation associated with asbestos cement pipe removal shall include:
   a. Controlled exposure of utilities
   b. Wet methods during disturbance
   c. Handling of contaminated soils

(D) Coordination Requirements:

1. The Contractor shall coordinate with the District and Environmental Consultant for:
   a. Air monitoring
   b. Site inspections
   c. Clearance verification

2. Work impacting hazardous materials shall be sequenced to avoid delays to abatement operations.

(E) Disposal:

1. All hazardous materials shall be transported and disposed of at approved facilities in

accordance with applicable regulations.

2. Waste handling shall include proper containment, labeling, and manifesting requirements.

1.9 SURVEY AND CONTROL

(A) The Contractor shall establish and maintain horizontal and vertical control for all Work.

(B) The Contractor shall verify all existing conditions and elevations prior to grading.

(C) The Contractor shall be responsible for layout and accuracy of all grading work.

1.10 HAULING AND DISPOSAL

(A) The Contractor shall be responsible for all haul routes, trucking operations, and disposal or import of materials.

(B) The Contractor shall secure all permits and pay all associated fees.

(C) Export sites shall comply with regulatory requirements.

1.11 SITE LOGISTICS AND ACCESS

(A) The Contractor shall develop and implement a site logistics plan, including:

- Access points
- Haul routes
- Staging and laydown areas

(B) The Contractor shall coordinate operations to minimize disruption to surrounding areas.

1.12 PROTECTION OF WORK

(A) The Contractor shall protect all existing improvements, utilities, and adjacent properties.

(B) Damage caused by the Contractor shall be repaired at no cost to the District.

1.13 CONSTRUCTABILITY AND COORDINATION REQUIREMENTS

(A) The Contractor acknowledges that grading Work directly impacts all future construction activities.

(B) The Contractor shall perform Work in a manner that avoids:

- Regrading of completed areas
- Conflicts with future utilities
- Incompatible elevations or slopes

(C) The Contractor shall coordinate sequencing of demolition and grading operations to minimize rehandling of materials.

(D) Any work performed that conflicts with future construction requirements shall be corrected by the Contractor at no additional cost.

1.14 EXCLUSIONS

(A) The following Work is excluded from this Contract:

- Building construction

- Permanent underground utilities
- Fine grading and site improvements
- Architectural, structural, mechanical, and electrical systems

1.15 REQUIREMENTS

(A) The Contractor shall complete the demolition and removal of all site elements on the Centennial High School (CHS) campus to make ready the construction of the new CHS by others. Selective Campus Wide Demolition consists of furnishing all transportation, labor, materials, and equipment necessary to perform site demolition and removal work required to accommodate the construction of the new CHS by others. For details on the new CHS campus by others, the Contractor shall review the Drawing Sheets labeled “For Reference Only”.

(A) The Contractor shall provide all material, labor, and equipment necessary to complete Work on a turnkey basis. The Contractor shall perform Work in accordance with the Drawings, Specifications, and all other provisions of the Contract Documents. All Work and Services provided by the Contractor shall be in accordance with Applicable Law, required permits, codes, standards, and guidelines.

(B) The Contractor shall comply with applicable codes and regulations of authorities having jurisdiction and the Contractor shall submit copies of permits, inspection reports, notices and similar communications from authorities having jurisdiction to the District’s Construction Manager.

(C) The Contractor shall field-verify all dimensions and conditions and notify the District’s Construction Manager of any conflicts in writing prior to bidding the Work or starting the Work that may be impacted. If any errors or omissions appear in the drawings, specifications, or other documents, the Contractor shall notify the District’s Construction Manager in writing of such errors or omissions, prior to bidding the Work or starting the Work that may be impacted.

1.16 SUPERINTENDENCE

(A) The Contractor shall employ a competent superintendent, who shall be in attendance as necessary at the project site during the progress of the work. The superintendent shall be satisfactory to the District and the District’s Construction Manager and shall not be changed or removed from the project except with consent of the District and the District’s Construction Manager.

1.17 INSPECTION

(A) All material and workmanship shall be subject to inspection, examination and testing by the District, the District’s Construction Manager, the District’s Consultants and service provided. See Special Conditions 00 71 00, Demolition Observation, and Inspections.

1.18 WORK SUMMARY

(A) The Work includes, but is not limited to, furnishing all labor, materials, equipment, appliances, and incidentals required to complete decommissioning and demolition of all built, constructed, fabricated, and manufactured structures, pavements, and all utilities, including all building interior and exterior components, structures, appurtenances, basements, foundations, slabs on grade, and all site utilities and hardscapes, drainage structures, site improvements, transite pipe, identified hazardous materials, and any

other items shown on the ALTA Land Title Survey Sheets and GPR Underground Survey Utility Map Sheets that are required to make ready the construction of the new CHS by others. Refer to Specifications Section 02 41 17, Campus Wide Selective Demolition, and Section 02080, Hazardous Materials Removals.

(B) The Work includes, but is not limited to, the following:

(1) Disconnection, capping or sealing, demolition and removal of active and abandoned utility services, piping, conduit, and appurtenances in accordance with the requirements of agency having jurisdiction of each utility and verification of remaining utility fixtures.

(2) Demolition and removal of existing buildings, including structural elements, slabs on grade, footings, foundations and complete structure foundations, pads, and pavement adjacent to buildings.

(3) Demolition and removal of existing hardscape and of below-grade improvements, including asphalt concrete paving, concrete paving, concrete steps, footings and handrails, concrete sidewalks, curbs, gutters, guardrail, fences, concrete wheel stops, and site features such as tennis courts, walls, gates, fence, trees, bollards, flagpole, etc.

(4) Demolition and removal of vegetation, trees, tree roots, stumps and stump grinding.

(5) Backfill and rough grading of below-grade areas created by the Contractor's demolition operations.

(6) The Contractor is responsible to pay all permits and for the removal, disposal and recycling of all debris generated by demolition activities, for clarifying haul disposal or recycling route(s) and to pay necessary disposal or recycling fees.

(7) Hazardous materials abatement and regulated disposal, including asbestos-containing materials, lead-related demolition impacts, universal waste, and underground utility Procedure 5 work as identified in the hazardous materials reports and specifications.

(8) Excavation, abatement, removal, packaging, transport, and disposal of approximately 500 square feet of 4-6-inch asbestos cement water pipe, 500 square feet of 4-8-inch asbestos cement sewer pipe, 500 square feet of 8-12-inch asbestos cement storm drain pipe, and 200 square feet of 1-4-inch coal tar wrapped gas line, together with associated contaminated soil and debris as encountered.

(9) Hazardous materials work shall be coordinated with ENCORP, the District, and all applicable agencies. The Contractor shall provide licensed personnel, required notifications, work plans, monitoring coordination, and waste handling documentation for all regulated materials included in this Contract.

(C) The Contractor is responsible for coordination between the District and utility companies. The Contractor to inform District of any documents required by utilities that require District's signature (i.e. discontinued service). The Contractor shall pay any disconnect fees. All temporary utility service is the contractor's responsibility unless noted otherwise.

(D) The Work excludes soil remediation, fine grading, site improvements and new construction. Existing utilities, piping systems, telephone, communications, and data

systems, and electrical and mechanical equipment to remain in place shall be adequately supported, protected, and maintained until work is complete.

(E) Overhead Power Lines and active and charged fire hydrants shall remain protected in place.

1.19 PROJECT SITE

(A) The Work is to demolish all elements located within Work Site Limits.

(B) The Work Site is described by ALTA Land Title Survey.

(C) All contractors submitting Bids for this work shall first examine the Work Site Limits and all conditions thereon. The Contractor's Bid shall account for all existing site conditions that may impact the Work.

1.20 EXISTING CONDITIONS

(A) The Contractor shall notify the District and the District's Construction Manager of existing conditions differing from those indicated on the drawings before proceeding with demolition.

(B) Buildings to be demolished will be vacated and their use discontinued before start of the Work. The District assumes no responsibility for the condition of items and areas to be selectively demolished. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

(C) The Contractor shall provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

(D) The Contractor shall provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.

(E) The Contractor shall erect and maintain dustproof partitions and temporary enclosures to limit dust, noise, and dirt migration to occupied portions of adjacent buildings.

(F) The Contractor shall erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.

(G) The Contractor shall remove temporary barriers and protections where hazards no longer exist. Where open excavations or other hazardous conditions remain, the Contractor shall leave temporary barriers and protections in place.

1.21 MATERIALS OWNERSHIP

(A) Except as noted below, demolition waste becomes property of Contractor.

(1) LED lamps.

(2) Watt saver light switches.

(B) Title to Materials - All building contents, materials and equipment removed and not reused, including items allowed to be salvaged by the Contractor in related Sections, shall become the property of the Contractor and shall be removed from District property. Title to materials resulting from demolition, and materials and equipment to be removed,

is vested in Contractor upon approval by District of Contractor's demolition and removal procedures, and authorization to proceed by District to begin demolition. District will not be responsible for the condition or loss of, or damage to, such property after contract award. Materials and equipment shall not be viewed by prospective purchasers or sold on the site.

(C) Historic items, relics, antiques, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, and other items of interest or value to District that may be uncovered during demolition remain the property of District.

(D) Carefully handle in a manner to prevent damage and promptly return to District.

(E) Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain the District's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

(F) Historic items, relics, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, antiques, and other items of interest or value to District that may be encountered during building demolition remain District's property. Carefully remove and salvage each item or object in a manner to prevent damage and deliver promptly to District.

(G) Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain the District's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

(H) In the event of an archeological discovery, the Contractor shall immediately stop the work within the area and notify the District's Construction Manager and the District. The Contractor shall comply with requirements established by the District for conducting an archeological investigation and determining ownership of artifacts. When appropriate, the District will appoint an archeological and/or historical advisor and the Contractor shall cooperate with the advisor.

1.22 PERFORMANCE

(A) Contractor shall furnish all tools, equipment, materials, asphalt pavement, concrete, and other features and supplies and shall perform all labor as required for the demolition, salvage, relocation, and removal of electrical and mechanical equipment, structures, utilities, and facilities as indicated on the Drawings and as specified herein.

(B) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified, and required to complete the demolition, removal, and disposal work.

(C) Demolition includes structural concrete, walls, doors, windows, structural steel, metals, roofs, masonry, attachments, appurtenances, piping, electrical and mechanical equipment, paving, curbs, walks, fencing, and similar existing facilities.

(D) Contractor shall provide all labor, materials, equipment and incidentals as shown, specified and required to remove all private man-made structures, such as, but not limited to: concrete slabs or asphalt pavement areas and driveways; brick, concrete paver and stone walks and stairs; wood and metal stair railings; wood decks and ramps; stones; private light poles, post lamps and exterior light fixtures; fences; or any structures

or appurtenances associated with the building, except as otherwise noted in other sections herein or as directed by District. Remove all private concrete paver walkway entrances and stairs, where existing.

(E) Contractor shall secure and maintain the demolition permits and associated road opening permits in accordance with the District of Compton (District) and other applicable regulations. Contractor shall secure and shall pay for any required notifications, building or other permits applicable to completion of the Work. Contractor shall coordinate all efforts required to obtain required permits. All permits and governmental fees, licenses, and inspections necessary for proper execution and completion of the Work shall be secured and paid for by Contractor. Contractor shall comply with and give notices required by laws, ordinances, rules, regulations, and lawful orders of public authorities bearing on performance of the work.

(F) The Contractor shall raze, remove, and dispose of all site elements, structures and utilities or as otherwise directed for in the Contract Documents, and salvable material designed to remain the property of District.

(G) The Contractor shall remove existing aboveground improvements, paving, curbs, gutters, and aggregate base to facilitate new construction by others.

(H) The Contractor shall proceed with demolition of structural framing members systematically, from higher to lower level. Complete building demolition operations above each floor or tier before disturbing supporting members on the next lower level.

(I) The Contractor shall comply with governing City, State, and Federal notification regulations before beginning selective demolition. The Contractor shall comply with hauling and disposal regulations of authorities having jurisdiction.

(J) Demolition of below-grade basements, foundations, slabs on grade, utilities and site improvements the Contractor shall be completed to depth to avoid conflict with new construction or site work.

(K) The Contractor shall protect adjacent structures and site work.

(L) The Contractor shall provide pollution control during building demolition, including noise control.

(M) The Contractor shall provide site backfill, restoration, and clean up.

(N) Materials removed and not designated to be salvaged or incorporated into the WORK shall become the property of Contractor.

(O) Contractor shall obtain all required permits from the District and other agencies having jurisdiction.

(P) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified, and required to complete Temporary erosion- and sedimentation-control measures.

(Q) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified, and required to complete disconnecting, capping, or sealing, and removing site utilities.

(R) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified, and required to complete demolition and removal of utilities.

(S) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified, and required to complete disposal of demolition materials.

(T) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified and required to remove roofing materials shall be segregated and lawfully transported and disposed in compliance with all applicable regulations.

(U) Contractor shall provide all labor, materials, equipment and incidentals as shown, specified and required to remove all interior and exterior building contents including but not limited to: computers and electronic equipment; medical and laboratory equipment and furniture; shelving, appliances, HVAC equipment; water heater; electrical equipment and lighting fixtures; fire alarm panel; plumbing fixtures and piping; garbage; latex and oil based paint in 1 and 5 gallon cans; fire extinguishers and any other contents as directed by District.

(V) Contractor shall provide all labor, materials, equipment, and incidentals as shown, specified and required to remove any existing vegetation, landscape shrubbery around the building perimeter to enable demolition of the building. Existing trees shall be protected as directed by District.

(W) Contractor shall remove any materials not specified above adjacent to or within building footprint, site property boundary or on the site, discovered in during the execution of the Work.

(X) Contractor shall be responsible for cleaning and clearing the building prior to demolition to allow for ingress/egress and proposed work scope.

(Y) Except as specified elsewhere, no specific materials and equipment have been identified to be reused and may be removed at the discretion of the contractor.

(Z) Demolition and removal work shall be performed by competent workmen experienced in the various types of demolition and removal work required and it shall be carried through to completion with the prevention of damage or injury to structures, occupants thereof, District employees, work persons on the site, the public and adjacent features which might result from falling debris or other causes, and so as not to interfere with the use of, and free and safe passage to and from, adjacent structures.

(AA) Contractor shall provide, erect, and maintain catch platforms, lights, barriers, weather protection, warning signs and other items as required for proper protection of the public, occupants of the building, work persons engaged in demolition operations, and adjacent construction.

(BB) Contractor shall provide and maintain weather protection at exterior openings to fully protect the interior premises against damage from the elements until such openings are closed by new construction.

(CC) Contractor shall provide and maintain temporary protection of the existing structure designated to remain where demolition, removal and new work is being done, connections made, materials handled, or equipment moved. Contractor shall be responsible for any damage to the existing structure or contents by reason of providing insufficient protection.

(DD) Contractor shall provide adequate fire protection in accordance with local Fire Department requirements.

(EE) Contractor shall carry out all operations to avoid interference with operations and work in the existing facilities and the work under other contracts.

(FF) Disposal of all materials shall be performed in compliance with all applicable local, State, and Federal codes and requirements. No trace of demolished structures shall remain in the areas from which structures were removed.

(GG) Contractor shall be solely responsible for making all necessary arrangements and for performing all necessary work involving the discontinuance or interruption of all utilities or services.

(HH) Any equipment, piping and appurtenances removed without proper authorization, and that are necessary for the operations of the existing or expanded facilities, shall immediately be replaced to the satisfaction of the District's Construction Manager at no cost to the District.

(II) Closing or obstructing of roadways, sidewalks, and passageways adjacent to the work by the placement or storage of materials will not be permitted, and all operations shall be conducted with minimum interference to traffic.

(JJ) Contractor shall repair damage caused by his operations to facilities to remain, or to any property belonging to the District or occupants of the facilities.

(KK) Contractor shall make such investigations, explorations and probes as are necessary to ascertain any required protective measures before proceeding with demolition and removal.

(LL) Demolition and removal of hazardous materials shall be in accordance with applicable Federal, State and Local regulations. At least ten (10) days prior to commencement of the Work, Contractor shall furnish timely notification of demolition and renovation project to applicable Federal, State, regional, and local authorities.

(MM) Contractor shall notify District's Construction Manager of discrepancies between existing conditions and Drawings before proceeding with selective demolition.

(NN) Contractor shall protect adjacent electrical, telephone, streetlights, traffic signals, water and storm and sanitary sewer and other services and utilities appurtenances. Contractor shall maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations. Maintain fire-protection facilities in service during selective demolition operations.

1.23 QUALITY ASSURANCE

(A) Contractor shall engage an experienced firm that has successfully completed selective demolition work like that indicated for this project.

(B) Contractor shall procure and pay for all necessary permits, licenses, and certificates.

(C) Contractor shall make all required notifications, including required EPA notifications.

(D) Contractor shall comply with all Federal, State, and local ordinances.

(E) Contractor shall comply with hauling and disposal regulations of all authorities having jurisdiction.

(F) Contractor shall clearly mark items designated to be removed prior to preinstallation

conference.

1.24 COOPERATION

(A) The Contractor shall provide not less than ten (10) Business Days advance notice of any activities that will affect the District's operations. The Contractor shall arrange demolition schedule so as not to interfere with the District's on-site operations.

(B) The Contractor shall allow suitable and proper space to his Subcontractors for the storage of their materials and for the erection of their sheds and tool houses.

(C) Should it be necessary at any time to move materials sheds or storage platforms, the Contractor shall move them, as and when directed, and at his own expense.

(D) All trades shall coordinate their work to facilitate the general progress of the work and to afford each trade every reasonable opportunity for completion of their work.

(E) When the nature of the work or equipment performing the work will generate noise levels objectionable to the occupants of adjacent premises, the Contractor shall meet with the District's Construction Manager and District and/or authorities having jurisdiction to perform the Work at the most appropriate time periods of the day. When required by the District or authorities having jurisdiction, such operations shall be performed outside normal business hours.

1.25 COORDINATION

(A) The Contractor shall coordinate the work of all trades.

(B) The Contractor shall verify location of all utilities and existing conditions.

(C) The Contractor shall coordinate and schedule selective demolition operations so that the District's operations are not disrupted, and that normal vehicular and pedestrian traffic can occur uninterrupted.

1.26 PROTECTIONS OF WORK AND PROPERTY

(A) The Contractor shall provide bracing, shoring, sheeting and railings, as required for safety and for proper execution of the work, and have them removed when the work is completed.

(B) The Contractor shall clean and restore existing adjacent surfaces to match condition as before the Work.

(C) The Contractor shall provide protection against rain, winds, storms, frost, or heat, to maintain all work, materials, apparatus, and fixtures free from injury or damage. At the end of each day's work, the Contractor shall protect all new work likely to be damaged.

(D) If sidewalks are to be closed during demolition, the Contractor shall submit a sidewalk closure plan that meets the ADA requirements to the District's Construction Manager forty-eight (48) hours prior to the scheduled closure. The Contractor shall install necessary signing and barricades according to the approved closure plan. Sidewalks designated to remain and damaged during the work will be replaced by the Contractor at no cost to the District.

(E) The Contractor shall remove and replace with new work, at his own expense, any work damaged by failure to provide proper protection, or any construction on the building site damaged by the Contractor during the period of construction.

(F) Prior to final acceptance of the work, the Contractor shall remove all temporary fencing and enclosures and restore all areas to conditions comparable to that existing at the start of Work.

1.27 CONSTRUCTION SUPPORT

(A) The Contractor shall furnish any temporary facilities and utilities necessary to complete the Work, to include but not limited to, light, power, water, telephone, sanitary facilities, job offices, storage enclosures, safety devices, construction aids, and support equipment.

1.28 EQUIPMENT DECONTAMINATION

(A) Prior to mobilization and as necessary during progress of the Work, the Contractor shall decontaminate their equipment:

(B) Vehicles, heavy machinery, and large tools (such as excavators, trenchers, graders, including tires, tracks, undercarriage of on-site vehicles, and their tools and implements) shall be cleaned free of debris and soil with high pressure washer and disinfected from any prior work site prior to arriving to the Project site.

(C) Footwear and small tools (such as hand tools, shovels, trowels, hoes, and personnel boots) shall be thoroughly cleaned of debris and soil then wiped with seventy (70) percent ethanol or isopropanol prior to use within the Project site.

(D) Equipment and tools moved off-site and returned later for use will again require decontamination by Contractor.

(E) Decontamination of equipment, tools, etc. by the Contractor shall be included in the lump sum price bid for the Work and no separate payment will be made therefore.

1.29 NATIVE AMERICAN MONITORING AGREEMENT

(A) By ratifying the Native American Monitoring Service Agreement (Agreement) with Kizh Nation Resources Management (KNRM) the District authorizes KNRM to monitor, identify, document, report on, and protect tribal cultural resources (TCRs) during Project-related ground-disturbing activities.

(B) Education Code section 35160 authorizes the Board to carry out activities not inconsistent with the District's purposes. Education Code section 35160.1 clarifies that this authority includes approving expenditures the Board deems necessary or desirable, and consistent with the purposes for which the funds were appropriated. Here, the Services are necessary for the Project.

(C) Further, Education Code section 17604 provides for Board ratification of contracts executed pursuant to delegated contracting authority. Here, the District's Chief Administrative Officer, Shannon Soto, executed the Agreement on the District's behalf given that ground-disturbing activities were anticipated to begin as early as October 2026, before the Board's scheduled consideration of the Agreement. Execution of the Agreement in advance of Board consideration was necessary to arrange the required Services and avoid delays to the Project.

(D) Assembly Bill 52 (AB 52) establishes consultation requirements under the California Environmental Quality Act (CEQA) for California Native American tribes traditionally and culturally affiliated with the area encompassing the Site. (Pub. Res. Code, § 21080.3.1(b).) Consultation addresses the existence of and potential impacts to TCRs at the Site, and

measures to avoid or lessen such impacts. (*Id.*, § 21080.3.2(a).) Mitigation measures agreed upon and determined to avoid or lessen impacts must be recommended for incorporation into the Project's environmental documentation and an adopted mitigation monitoring and reporting program, and must be fully enforceable. (*Id.*, § 21082.3(a).) Here, the Agreement provides an enforceable contractual mechanism for implementing the Project's TCR monitoring measures developed during consultation with the Kizh Nation, and therefore complies with AB 52's requirements.

(E) The Agreement is located in Exhibit 12 and requires KNRM to provide a Native American monitor at the Project Site during all ground-disturbing activities. The monitor will observe such activities, document and report TCR discoveries, and coordinate with the Project supervisor if a discovery requires work within the area to stop or otherwise accommodate the discovery. The Agreement establishes the process for identifying and addressing TCR discoveries during ground-disturbing activities.

(F) KNRM will bill the District for services rendered pursuant to the Agreement. The Agreement establishes a not-to-exceed contract amount of Thirty Thousand Dollars ($30,000), inclusive of KNRM's fees and reimbursable expenses. The District must provide an advance deposit equal to twenty-five percent (25%) of the estimated Project cost before KNRM begins work. Should KNRM anticipate that the cost of completing the Services will exceed this amount, it must notify the District and request a change order.

1.30 GUARANTEE

(A) Bidders are hereby advised that the Centennial High School campus ("site") has been subject to theft beginning around August 31, 2026. The Contractor shall assume that any salvageable materials of potential value have been stolen from the site, such as underground and aboveground electrical conductors, electrical breakers, copper piping, utility valves, electrical components in electrical equipment, etc.

(B) The District provides no guarantee that any salvageable materials exist. As such, Bidders shall take this condition into consideration when preparing their bids. No assumptions should be made regarding the presence or availability of salvageable materials or any associated salvageable value at the site.

1.31 WARRANTY

(A) Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties. Notify warrantor before proceeding. Existing warranties include the following:

(B) Notify warrantor on completion of selective demolition, and obtain documentation verifying that existing system has been inspected and warranty remains in effect. Submit documentation at Project closeout.

PART 2 - PRODUCTS - NOT APPLICABLE

PART 3 - EXECUTION - NOT APPLICABLE

- END OF SECTION -

SECTION 01 14 00

WORK RESTRICTIONS

PART 1 -- GENERAL

A. RELATED REQUIREMENTS

1. See the following Sections for related information:
   a. 01 11 00 Summary of Work
   b. 02 41 17 Campus Wide Selective Demolition

B. ACCESS AND EGRESS

1. Design, construct and maintain temporary "access to" and "egress from" work areas, including stairs, runways, ramps or ladders and scaffolding, independent of finished surfaces and in accordance with relevant municipal, provincial/territorial, and other regulations.

C. USE OF SITE AND FACILITIES

1. Execute work with least possible interference or disturbance to normal use of premises.
2. Make arrangements with CUSD to facilitate work as stated.
3. Maintain existing services to building and provide for personnel and vehicle access.
4. Where security is reduced by work provide temporary means to maintain security.
5. Closures: protect work temporarily until permanent enclosures are completed.

D. EXISTING SERVICES

1. Existing services in building include:
   a. Heat, power and water are assumed to be <u>not</u> available.
2. Notify, CUSD and utility companies of intended interruption of services and obtain required permission.
3. Where Work involves breaking into or connecting to existing services, give CUSD 48 hours notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to pedestrian and vehicular traffic.
4. Provide alternative routes for pedestrian and vehicular traffic.
5. Establish location and extent of service lines in area of work before starting Work. Notify CUSD of findings.
6. Submit schedule to and obtain approval from CUSD for any shut- down or closure of active service or facility including power and communications services. Adhere to approved schedule and provide notice to affected parties.
7. Provide adequate bridging over trenches which cross sidewalks or roads to permit normal traffic.
8. Where unknown services are encountered, immediately advise CUSD, and confirm findings in writing.
9. Protect, relocate or maintain existing active services. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction.

10. Record locations of maintained, re-routed and abandoned service lines.
11. Construct barriers in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.

F. SPECIAL REQUIREMENTS

1. Carry out noise generating Work in accordance with applicable local regulations or By- Laws.
2. Submit schedule in accordance with Section 01 32 00 Construction Progress Schedules.
3. Ensure Contractor's personnel employed on site become familiar with and obey regulations including safety, fire, traffic and security regulations.
4. Keep within limits of work and avenues of ingress and egress.
5. Deliver materials outside of peak traffic hours unless otherwise approved by CUSD.

G. SECURITY

1. Site security in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.

H. BUILDING SMOKING ENVIRONMENT

1. Comply with smoking restrictions. Smoking is not permitted.

PART 2 -- PRODUCTS

2.1 NOT USED

PART 3 -- EXECUTION

3.1 NOT USED

- END OF SECTION -

SECTION 01 15 10

GALGREEN CONSTRUCTION WASTE MANAGEMENT

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Demolition and removal of buildings, including removal of foundations.
2. Demolition and removal of structures.
3. Demolition and removal of site improvements.
4. Demolition and removal of capped and abandoned site utilities.
5. Demolition materials recycling requirements: The Work of this contract shall provide for a minimum of 65% by weight of the solid waste generated in the Work to be diverted from landfill disposal through a combination of re-use and recycling activities.
6. This section includes requirements for submittal of:

a. Contractor's Waste Management and Recycling Plan prior to the commencement of the Work.
b. Contractor's quantitative reports for demolition waste materials generated by the Contractor, as a condition of approval of progress payments.

1.2 DEFINITIONS [Note: refer to statutory definitions as required by state or local agencies or use the definitions below]

A. Remove: Remove and legally dispose of items, except those identified for use in recycling, re-use, and salvage programs.

B. Environmental Pollution and Damage: The presence of chemical, physical, or biological elements or agents which adversely affect human health or welfare; unfavorably alter ecological balances of importance to human or animal life; affect other species of importance to humanity; or degrade the utility of the environment for aesthetic, cultural or historical purposes.

C. Inert Fill: A permitted facility that accepts inert waste such as asphalt and concrete exclusively for the purpose of disposal.

1. Inert Solids/Inert Waste: Non-liquid solid waste including, but not limited to, soil and concrete, that does not contain hazardous substances or soluble pollutants at concentrations in excess of water-quality standards established by a regional water board and does not contain significant quantities of decomposable solid waste.

D. Class III Landfill: A landfill that accepts non-hazardous materials such as household, commercial, and industrial waste, resulting from construction, remodeling, repair, and demolition operations. A Class III landfill must have a solid waste facilities permit from the

State of California.

E. Demolition Waste: Building materials and solid waste resulting from construction, remodeling, repair, cleanup, or demolition operations that are not hazardous. This term includes, but is not limited to, asphalt concrete, Portland cement concrete, brick, lumber, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, plastic pipe, and steel. The materials may include rock, soil, tree stumps, and other vegetative matter resulting from land clearing and landscaping for construction or land development projects.

F. Chemical Waste: Includes petroleum products, bituminous materials, salts, acids, alkalis, herbicides, pesticides, organic chemicals, and inorganic wastes.

G. Recycling: The process of sorting, cleansing, treating and reconstituting materials for the purpose of using the altered form in the manufacture of a new product. Recycling does not include burning, incinerating, or thermally destroying solid waste.

H. Reuse: The use, in the same or similar form as it was produced, of a material which might otherwise be discarded.

I. Solid Waste: All putrescible and non-putrescible solid, semisolid, and liquid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition, and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, dewatered, treated, or chemically fixed sewage sludge which is not hazardous waste, manure, vegetable or animal solid and semisolid wastes, and other discarded solid and semisolid wastes. "Solid waste" does not include hazardous waste, radioactive waste, or medical waste as defined or regulated by State law.

1.3 MATERIALS OWNERSHIP

A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain property of District, demolished materials shall become the Contractor's property and shall be removed, recycled, or disposed from Project site in an appropriate and legal manner.

1. Arrange a meeting no less than ten (10) days prior to demolition with the District or District’s Construction Manager and other designated representatives to review any salvageable items to determine if District wants to retain ownership and discuss Contractor’s Waste Management and Recycling Plan.

1.04 SUBMITTALS

1. Refer to Section 01 33 00, Submittal Procedures
2. Qualification Data: For demolition firm.
3. Proposed dust-control measures.
4. Proposed noise-control measures.
5. Schedule of demolition activities indicating the following:
   a. Detailed sequence of demolition and removal work, including start and end dates for each activity.
   b. Dates for shutoff, capping, and continuation of utility services.

6. If hazardous materials are encountered and disposed of, landfill records indicating receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.

7. Contractor's Waste Management and Recycling Plan:

   a. Review Contract Documents and site conditions and estimate total Project Construction & Demolition (C&D) materials to be generated, names of landfills where Project C&D materials would normally be disposed of. Indicate types and quantities of materials under the Work that are anticipated to be feasible for on-site processing, and source-separation for re-use or recycling. Indicate procedures that will be implemented in this program to effect jobsite source- separation, such as, identifying a convenient location where dumpsters would be located, signage to identify materials to be placed in dumpsters, etc..

   b. Prior to commencing the Work, Contractor's Waste Management and Recycling Plan. Submit in format provided (Section 01 15 10A). Waste Management and Recycling Plan must include, but not be limited to, the following:

      1. Contractor's name and project identification information;
      2. Procedures to be used;
      3. Materials to be re-used and recycled;
      4. Estimated total quantities of materials generated in Project;
      5. Names and locations of landfills, re-use and recycling facilities/sites;
      6. Tonnage calculations that demonstrate that Contractor will re-use and recycle a minimum of 65% by weight of C&D materials generated in the Work.

   c. Contractor's Waste Management and Recycling Plan must be approved by District and District's Construction Manager prior to the Start of Work.

   d. Contractor's Waste Management and Recycling Plan will not otherwise relieve the Contractor of responsibility for adequate and continuing control of pollutants and other environmental protection measures.

8. Contractor's Reuse, Recycling, and Disposal Report

   a. Submit Contractor's Reuse, Recycling, and Disposal Report on the form provided (Section 01 15 10B) with each application for progress payment. Failure to submit the form and its supporting documentation will render the application for progress payment incomplete and delay progress payments. If applicable, include manifests, weight tickets, receipts, and invoices specifically identifying the Project for re-used and recycled materials:

      1. On-site crushing of asphalt and concrete for use off-site;
      2. Reuse of building materials or salvageable items;
      3. Source-separated recycling facilities;

4. Mixed debris recycling facilities;
5. Recycling of material, including soils, as landfill alternative daily cover;
6. Delivery of soils or mixed inerts to an inert landfill or other use;
7. Disposal of soils or other materials at a landfill or transfer station;
8. Other (describe);

b. Contractor's Reuse, Recycling, and Disposal Report must quantify all materials generated in the Work, disposed in Class III Landfills, or diverted from disposal through recycling. Indicate zero (0) if there is no quantity to report for a type of material. As indicated on the form:

1. Report disposal or recycling either in tons or in cubic yards: if scales are available at disposal or recycling facility, report in tons; otherwise, report in cubic yards. Report in units for salvage items when no tonnage or cubic yard measurement is feasible.

2. Indicate locations to which materials are delivered for reuse, salvage, recycling, accepted as daily cover, inert backfill, or disposal in landfills or transfer stations.

3. Provide legible copies of weigh tickets, receipts, or invoices that specifically identify the project generating the material. Said documents must be from recyclers and/or disposal site operators that can legally accept the materials for the purpose of re-use, recycling, or disposal:

4. Indicate project title, project number, progress payment number, name of company completing the Contractor's Report and compiling backup documentation, the printed name, signature, and daytime phone number of the person completing the form, the beginning and ending dates of the period covered on the Contractor's Report, and the date that the Contractor's Report is completed.

9. At Project closeout:

a. Record drawings: Identify and accurately locate capped utilities and other subsurface structural, electrical, or mechanical conditions.

1.05 QUALITY ASSURANCE

A. Demolition Firm Qualifications: Engage a licensed demolition contractor and an experienced firm that has successfully completed demolition Work similar to that indicated for this Project.

B. Regulatory Requirements: Comply with governing EPA notification regulations before starting demolition. Comply with hauling and disposal regulations of authorities having jurisdiction. Obtain and pay for all permits required.

C. Pre-demolition Conference: Conduct conference at Project site.

1. Review the environmental goals of this Project with Contractors, subcontractors, and waste haulers and make a proactive effort to increase awareness of these

goals among all labor forces on site.

1.06 PROJECT CONDITIONS

A. Buildings to be demolished will be vacated and their use discontinued before start of Work.

B. Storage or sale of removed items or materials on-site will not be permitted without advance written approval from District's Construction Manager.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify that utilities have been disconnected and capped.

B. Survey existing conditions and correlate with requirements indicated to determine extent of demolition and recycling required.

C. Survey condition of the building to determine whether removing any element might result in a structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during demolition.

1. Retain a licensed and qualified civil or structural engineer to provide analysis, including calculations, necessary to ensure the safe execution of the demolition work.

D. Perform surveys as the Work progresses to detect hazards resulting from demolition activities.

3.02 PREPARATION

A. As part of the project scope, the Contractor shall prepare all drawings, documents, and applications and shall obtain all government agency approvals and permits required for demolition activities.

B. Conduct demolition operations and remove C&D materials to ensure minimum interference with roads, streets, walks, and other adjacent occupied and utilized facilities.

1. Do not close or obstruct streets, walks, or other adjacent occupied or utilized facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.

C. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities to remain. Ensure safe passage of people around demolition area.

1. Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
    a. Maintain temporary protection to people at exterior areas of the existing building where decorative medallion removal work is being done.

2. Protect existing site improvements, appurtenances, and landscaping that are designated to remain in place.

D. Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of buildings to be demolished and adjacent buildings to remain.

1. Strengthen or add new supports when required during progress of demolition.

3.03 EXPLOSIVES

A. Explosives: Use of explosives will not be permitted.

3.04 ENVIRONMENTAL CONTROLS

A. Comply with federal, state, and local regulations pertaining to water, air, solid waste, recycling, chemical waste, sanitary waste, sediment and noise pollution.

B. Protection of Natural Resources: Preserve the natural resources within the project boundaries or restore to an equivalent condition.

1. Confine demolition activities to areas defined by public roads, easements, and work area limits indicated on the drawings.

    a. Temporary Construction: Remove indications of temporary construction facilities, such as haul roads, work areas, structures, stockpiles or waste areas.

2. Water Resources: Comply with applicable regulations concerning the direct or indirect discharge of pollutants to underground and natural surface waters.

    a. Oily Substances: Prevent oily or other hazardous substances from entering the ground, drainage areas, or local bodies of water in such quantities as to affect normal use, aesthetics, or produce a measurable ecological impact on the area.

        1) Store and service construction equipment at areas designated for collection of oil wastes.

3. Dust Control, Air Pollution, and Odor Control: Prevent creation of dust, air pollution and odors.

    a. Use temporary enclosures and other appropriate methods to limit dust and dirt rising and scattering in air to lowest practical level.
    b. Store volatile liquids, including fuels and solvents, in closed containers.

c. Properly maintain equipment to reduce gaseous pollutant emissions.

4. Noise Control: Perform demolition operations to minimize noise.

a. Repetitive, high level impact noise will be permitted only between the hours of 8:00 a.m. and 6:00 p.m. Repetitive impact noise on the property shall not exceed the following dB limitations:

Sound Level in dB	Time Duration of Impact Noise
70	More than 12 minutes in any hour
80	More than 3 minutes in any hour

b. Provide equipment, sound-deadening devices, and take noise abatement measures that are necessary to comply with the requirements of this Contract.

c. At least once every five successive working days while work is being performed above 55 dB noise level, measure sound level for noise exposure due to the demolition. Measure sound levels on the 'A' weighing network of a General Purpose sound level meter at slow response. To minimize the effect of reflective sound waves at buildings, measurements may be taken three to six feet in front of any building face. Submit the recorded information to the State noting any problems and the alternatives before mitigating actions.

5. Salvage, Re-Use, and Recycling Procedures

a. Identify re-use, salvage, and recycling facilities.

b. Develop and implement procedures to re-use, salvage, and recycle demolition materials, based on the Contract Documents, the Contractor's Waste Management and Recycling Plan, estimated quantities of available materials, and availability of recycling facilities. Procedures may include on-site recycling, source-separated recycling, salvage, and/or mixed debris recycling efforts.

c. Identify materials that are feasible for salvage, determine requirements for site storage, and transportation of materials to a salvage facility.

d. Source-separate construction, excavation and demolition materials including, but not limited to the following types:

1. Asphalt
2. Concrete, Concrete Block, Concrete Masonry Units (CMU), Slump Stone (Decorative Concrete Block), and Rocks
3. Asphalt Concrete
4. Paper: Bond, Newsprint, Cardboard, Paper, Packing Materials, and Packaging
5. Cement Fiber Products: Shingles, Panels, Siding
6. Paint

7. Rigid Foam
8. Glass
9. Plastics
10. Carpet and Carpet Padding
11. Beverage Containers
12. Insulation
13. Gypsum Board
14. Porcelain Plumbing Fixtures
15. Fluorescent Light Tubes: per Department of Toxic Substances Control Regulations
16. Green Materials (i.e. tree trimmings and land clearing debris)
17. Metal (ferrous and non-ferrous)
18. Red Clay Brick
19. Soil
20. Wood, Clean Dimensional Wood, Pallet Wood
21. Sheet Wood: Plywood, Oriented Strand Board (OSB), Particle Board
22. Other materials as appropriate

e. Develop and implement a program to transport loads of mixed (commingled) demolition materials that cannot be feasibly source separated to a mixed material recycling facility [whenever available].

6. DISPOSAL PRACTICES AND WASTE HAULING

a. Legally transport and dispose of materials that cannot be delivered to a source-separated or mixed recycling facility to a transfer station or disposal facility that can legally accept the materials for the purpose of disposal.

b. Use a permitted waste hauler or Contractor's trucking services and personnel. To confirm valid permitted status of waste haulers, contact the State of California.

c. Become familiar with the conditions for acceptance of new construction, excavation, and demolition materials at recycling facilities, prior to delivering materials.

d. Deliver to facilities that can legally accept new construction, excavation and demolition materials for purpose of re-use, recycling, composting, or disposal.

e. Do not burn, bury, or otherwise dispose of rubbish and waste materials on project site.

7. RE-USE AND DONATION OPTIONS

a. Implement a re-use program to the greatest extent feasible.

8. REVENUE

a. Revenues or other savings obtained from recycled, re-used, or salvaged materials shall accrue to Contractor unless otherwise noted in the Contract

Documents.

b. Remove and transport C&D materials in a manner that will prevent spillage on adjacent surfaces, streets, and areas or dust being emitted into the atmosphere.

c. Clean adjacent streets of dust, dirt, and C&D materials caused by demolition operations. At the end of each work day, return adjacent areas to condition existing before start of demolition.

3.05 DEMOLITION

A. Building Demolition: Demolish buildings completely and remove from the site. Use methods required to complete Work within limitations of governing regulations and as follows:

1. Locate demolition equipment throughout the building and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

2. Demolish concrete and masonry in sizes that will be suitable for acceptance at recycling or disposal facilities.

3. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.

4. Break up and remove concrete slabs on grade in small sizes, suitable for acceptance at recycling or disposal facilities, unless otherwise shown to remain.

5. Remove all disconnected, abandoned utilities on site.

B. Below-Grade Construction: Demolish foundation walls and other below-grade construction, as follows:

1. Completely remove below-grade construction, including foundation walls and footings.

2. Break up and completely remove below-grade concrete slabs, in small sizes, suitable for acceptance at recycling or disposal facilities.

3. Below-Grade Areas: Completely fill below-grade areas and voids resulting from building demolition operations to street level with satisfactory soil materials.

C. Damages: Promptly repair damages to adjacent facilities caused by demolition operations.

3.06 HANDLING OF DEMOLISHED MATERIALS

A. General: Promptly re-use, salvage, recycle, or dispose of demolished materials. Do not allow demolished materials to accumulate or be stored on-site for more than ten

(10) days.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off District's property and legally reuse, salvage, recycle, or dispose of materials.

- **END OF SECTION -**

SECTION 01 15 10A

CONTRACTOR'S CONSTRUCTION WASTE AND RECYCLING PLAN

(Submit After Award of Contract and Prior to Start of Work)

Project Title:		
Contract or Work Order No.:		
Contractor's Name:		
Street Address:		
City:	State:	Zip:
Phone: ( )	Fax: ( )	
E-Mail Address:		
Prepared by: (Print Name)		

Date Submitted:		
Project Period:	From:	TO:

Reuse, Recycling or Disposal Processes To Be Used

Describe the types of recycling processes or disposal activities that will be used for material generated in the project. Indicate the type of process or activity by number, types of materials, and estimated quantities that will be recycled or disposed in the sections below:

01 - Reuse of building materials or salvage items on site (i.e. crushed base or red clay brick)
02 - Salvaging building materials or salvage items at an off site salvage or re-use center (i.e. lighting, fixtures)
03 - Recycling source separated materials on site (i.e. crushing asphalt/concrete for reuse or grinding for mulch)
04 - Recycling source separated materials at an off site recycling center (i.e. scrap metal or green matls)
05 - Recycling commingled loads of C&D matls at an off site mixed debris recycling center or transfer station
06 - Recycling material as Alternative Daily Cover at landfills
07 - Delivery of soils or mixed inerts to an inert landfill for disposal (inert fill).
08 - Disposal at a landfill or transfer station.
09 - Other (please describe) _____

Types of Material To Be Generated

Use these codes to indicate the types of material that will be generated on the project

A = Asphalt	C = Concrete	M = Metals	I = Mixed Inert	G = Green Matls
D = Drywall	P/C=Paper/Cardboard	W/C = Wire/Cable	S= Soils (Non Hazardous)	
M/C = Miscellaneous Construction Debris		R = Reuse/Salvage	W = Wood	O = Other (describe)

Facilities Used: Provide Name of Facility and Location (City)

Total Truck Loads: Provide Number of Trucks Hauled from Site During Reporting Period

Total Quantities: If scales are available at sites, report in tons. If not, quantify by cubic yards. For salvage/reuse items, quantify by estimated weight (or units).

SECTION I - RE-USED/RECYCLED MATERIALS

Include all recycling activities for source separated or mixed material recycling centers where recycling will occur.

Type of Material	Type of Activity	Facility to be Used/Location	Total Truck Loads	Total Quantities Tons	Cubic YD	Other Wt.
(ex.) M	04	ABC Metals, Los Angeles	24	355		
a. Total Diversion			0	0	0	0

SECTION 01 15 10A

CONTRACTOR'S CONSTRUCTION WASTE AND RECYCLING PLAN

Continued

SECTION II - DISPOSED MATERIALS								
Include all disposal activities for landfills, transfer stations, or inert landfills where no recycling will occur.								
Type of Material	Type of Activity	Facility to be Used/Location			Total Truck Loads	Total Quantities Tons	Cubic YD	Other Wt.
(ex.) D	08	DEF Landfill, Los Angeles			2	35		
b. Total Disposal						0	0	0

SECTION III - TOTAL MATERIALS GENERATED						
This section calculates the total materials to be generated during the project period (Reuse/Recycle + Disposal = Generation						
				Tons	Cubic YD	Other Wt.
a. Total Reused/Recycled				0	0	0
b. Total Disposed				0	0	0
c. Total Generated				0	0	0

SECTION IV - CONTRACTOR'S LANDFILL DIVERSION RATE CALCULATION					
Add totals from Section I + Section II					
	Tons	Cubic Yards	Other Wt.		
a. Materials Re-Used and Recycled	0				
b. Materials Disposed	0				
c. Total Materials Generated (a. + b. = c.)	0	0	0		
d. Landfill Diversion Rate (Tons Only)*	#DIV/0!				

** Use tons only to calculate recycling percentages: Tons Reused/Recycled/Tons Generated = % Recycled*

Contractor's Comments (Provide any additional information pertinent to planned reuse, recycling, or disposal activities):

Notes:

1. Suggested Conversion Factors: From Cubic Yards to Tons (Use when scales are not available)

Asphalt: .61 (ex. 1000 CY Asphalt = 610 tons. Applies to broken chunks of asphalt)

Concrete: .93 (ex. 1000 CY Concrete = 930 tons. Applies to broken chunks of concrete)

Ferrous Metals: .22 (ex. 1000 CY Ferrous Metal = 220 tons) Drywall Scrap: .20

Non-Ferrous Metals: .10 (ex. 1000 CY Non-Ferrous Metals = 100 tons) Wood Scrap: .16

SECTION 01 15 10B

CONTRACTOR'S REUSE, RECYCLING, AND DISPOSAL REPORT

(Submit With Each Progress Payment)

Project Title:		
Contract or Work Order No.:		
Contractor's Name:		
Street Address:		
City:	State:	Zip:
Phone: ( )	Fax: ( )	
E-Mail Address:		
Prepared by: (Print Name)		

Date Submitted:		
Period Covered:	From:	To:

Reuse, Recycling or Disposal Processes Used

Describe the types of recycling processes or disposal activities used for material generated in the project. Indicate the type of process or activity by number, types of materials, and quantities that were recycled or disposed in the sections below:

01 - Reuse of building materials or salvage items on site (i.e. crushed base or red clay brick)
02 - Salvaging building materials or salvage items at an off site salvage or re-use center (i.e. lighting, fixtures)
03 - Recycling source separated materials on site (i.e. crushing asphalt/concrete for reuse or grinding for mulch)
04 - Recycling source separated materials at an off site recycling center (i.e. scrap metal or green matls)
05 - Recycling commingled loads of C&D matls at an off site mixed debris recycling center or transfer station
06 - Recycling material as Alternative Daily Cover at landfills
07 - Delivery of soils or mixed inerts to an inert landfill for disposal (inert fill).
08 - Disposal at a landfill or transfer station.
09 - Other (please describe) _____

Types of Material Generated

Use these codes to indicate the types of material that were generated on the project

A = Asphalt	C = Concrete	M = Metals	I = Mixed Inert	G = Green Matls
D = Drywall	P/C=Paper/Cardboard	W/C = Wire/Cable	S= Soils (Non Hazardous)	
M/C = Miscellaneous Construction Debris		R = Reuse/Salvage	W = Wood	O = Other (describe)

Facilities Used: Provide Name of Facility and Location (City)

Total Truck Loads: Provide Number of Trucks Hauled from Site During Reporting Period

Total Quantities: If scales are available at sites, report in tons. If not, quantify by cubic yards. For salvage/reuse items, quantify by estimated weight (or units).

SECTION I - RE-USED/RECYCLED MATERIALS

Include all recycling activities for source separated or mixed material recycling centers where recycling occurred.

Type of Material	Type of Activity	Facilities Used/Location	Total Truck Loads	Total Quantities Tons	Cubic YD	Other Wt.
(ex.) M	04	ABC Metals, Los Angeles	24	355		
a. Total Diversion			0	0	0	0

SECTION 01 15 10B

CONTRACTOR'S REUSE, RECYCLING, AND DISPOSAL REPORT

Continued

SECTION II - DISPOSED MATERIALS								
Include all disposal activities for landfills, transfer stations, or inert landfills where no recycling occurred.								
Type of Material	Type of Activity	Facilities Used/Location			Total Truck Loads	Total Quantities Tons	Cubic YD	Other Wt.
(ex.) D	08	DEF Landfill, Los Angeles			2	35		
b. Total Disposal						0	0	0

SECTION III - TOTAL MATERIALS GENERATED						
This section calculates the total materials generated during the project period (Reuse/Recycle + Disposal = Generation						
				Tons	Cubic YD	Other Wt.
a. Total Reused/Recycled				0	0	0
b. Total Disposed				0	0	0
c. Total Generated				0	0	0

SECTION IV - CONTRACTOR'S LANDFILL DIVERSION RATE CALCULATION					
Add totals from Section I + Section II					
	Tons	Cubic Yards	Other Wt.		
a. Materials Re-Used and Recycled	0				
b. Materials Disposed	0				
c. Total Materials Generated (a. + b. = c.)	0	0	0		
d. Landfill Diversion Rate (Tons Only)*	#DIV/0!				

** Use tons only to calculate recycling percentages: Tons Reused/Recycled/Tons Generated = % Recycled*

Contractor's Comments (*Provide any additional information pertinent to planned reuse, recycling, or disposal activities*):

Notes:

1. Suggested Conversion Factors: From Cubic Yards to Tons (Use when scales are not available)

Asphalt: .61 (ex. 1000 CY Asphalt = 610 tons. Applies to broken chunks of asphalt)

Concrete: .93 (ex. 1000 CY Concrete = 930 tons. Applies to broken chunks of concrete)

Ferrous Metals: .22 (ex. 1000 CY Ferrous Metal = 220 tons) Drywall Scrap: .20

Non-Ferrous Metals: .10 (ex. 1000 CY Non-Ferrous Metals = 100 tons) Wood Scrap: .16

SECTION 01 30 00

ADMINISTRATIVE REQUIREMENTS

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Administration of Contract: Provide administrative requirements for the proper coordination and completion of work including the following:
   1. Supervisory personnel.
   2. Preconstruction conference.
   3. Project meetings, minimum of two per month; prepare and distribute minutes.

B. Reports: Monthly with progress schedule.

C. Work Schedule: Submit progress schedule, updated monthly.

D. Perform Surveys: Lay out the work and verify locations during construction.

E. Emergency Contacts: Submit and post a list of emergency telephone numbers and address for individuals to be contacted in case of emergency.

F. Record Documents: Submit record drawings and specifications; to be maintained and annotated by Contractor as work progresses.

1.2 REQUIREMENTS

A. A close liaison will be maintained by the District's Representative, District, and the Contractor. The District's Representative(s) shall notify the District immediately of any problems encountered, including but not limited to impacts to the cost, schedule and/or quality.

B. The District's Representatives include, but are not limited to, the District's Construction Manager (Cumming Group), the District's Environmental Consultants (Terraphase and ENCORP) and the Native American Monitoring service provider (Kizh Nation Resource Management).

C. The District's Representative(s) shall observe, inspect and approve all Work and may reject unsuitable Work that does not conform to the Drawings and Specifications.

D. The District's Representative(s) shall always have free access to the jobsite while Work is in progress, and the Contractor shall furnish information and assistance as necessary to the District's Representative(s).

E. The District's Representative(s) shall monitor construction for conformance with Drawings and Specifications.

F. The authority of the District's Representative(s) is limited to the following functions:

   1. Observe and accept or reject work and materials including approval or disapproval of materials submittals.

   2. Clarify Specifications and Drawings.

3. Provide input on elements of the design which require field-fitting due to conditions unknown prior to construction.

G. The District's Representative(s) are not authorized to take the following actions, all of which remain the sole responsibility of the District:

1. Make changes to the contract provisions, period of performance, or change any contract terms and conditions.

2. Make decisions concerning any claims and disputes.

1.3 SUBMITTALS

A. Types of Submittals: Provide types of submittals listed in individual sections and number of copies required below. Electronic copies may be substituted in lieu of all requirements. Refer to Specifications Section 01 33 00, Submittal Procedures.
   1. Informational submittals, Site Logistics Plan, Demolition Work Plan, Health & Safety Plan, COVID-19 Plan - 3 copies.
   2. Schedule Submittals - 3 copies.
   3. Shop drawings, reviewed and annotated by the Contractor - 3 copies.
   4. Inspection and test reports - 3 copies.
   5. Warranties - 3 copies.
   6. Survey data - 3 copies.
   7. Closeout submittals - 3 copies.

B. Submittal Procedures: Comply with project format for submittals. Comply with submittal procedures established by Engineer's including Engineer's submittal and shop drawing stamp. Provide required resubmittals if original submittals are not approved. Provide distribution of approved copies including modifications after submittals have been approved.

C. Samples and Shop Drawings: Samples and shop drawings shall be prepared specifically for this project. Shop drawings shall include dimensions and details, including adjacent construction and related work. Note special coordination required. Note any deviations from requirements of the Contract Documents.

D. Warranties: Provide warranties as specified; warranties shall not limit length of time for remedy of damages Owner may have by legal statute. Contractor, supplier or installer responsible for performance of warranty shall sign warranties.

PART 2 - PRODUCTS

Not applicable to this Section.

PART 3 - EXECUTION

Not applicable to this Section.

- END OF SECTION -

SECTION 01 31 26

ELECTRONIC COMMUNICATIONS PROTOCOL

PART 1- GENERAL

1.1 DESCRIPTION

A. This Section is in addition to the Contract General Conditions.

B. The Contractor shall be required to use an Electronic Project Management (EPM) system for electronic construction management document control and communications between the District, District's Construction Manager, other project-related consultants, and the Contractor (aka the Project team). Unless otherwise designated by the District, the system will be maintained and owned by the Contractor but operated collaboratively by the Project Team. The EPM that the Contractor chooses shall be approved by the District. The Contractor shall be responsible for training the members of the Project team on how to use the EPM at no additional costs to the contract.

C. The Contractor shall be primarily responsible for the scanning, uploading, and logging of all electronic documents for the project as indicated below.

D. The Contractor shall provide personnel and equipment as required by their employees to electronically submit all necessary documents.

E. The EPM system shall contain the following information which shall be made available by the Contractor for the project team:

1. Submittal Information (shop drawings, product data, etc.) and Logs
2. Requests for Information and Logs
3. Inspection Requests / Reports
4. Non-Compliance Inspection Reports
5. Project Photographs
6. Project Meeting Minutes
7. Project FTP Site
8. Contract Documents (including specifications, drawings, reference materials, sketches, ASIs, etc.)
9. Other Documentation as determined by the District's Representative and the Project team.

F. All Request for Information (RFIs) and Inspection Requests shall be submitted by the Contractor to the District electronically through the EPM.

G. The District will NOT except faxed and/or handwritten documentation of RFIs, RFI Sketches, and/or Inspection Requests.

1. The Contractor shall be solely responsible for data entry via the chosen EPM Website for the generation of RFIs.

2. The Contractor shall be solely responsible for the scanning of sketches / drawings as necessary for the electronic submittal and attachment of necessary information related to RFIs.

3. Contractor shall supply field personnel all necessary computer equipment necessary to enter RFIs and other documentation electronically.

H. Submittals shall be submitted via Section 01 33 00 Submittals.

1.2 CONTRACTOR'S RESPONSIBILITIES

A. The Contractor shall have sufficient computer(s) with capabilities to access the EPM system at their on-site and off-site project offices. At the pre-construction meeting, the Contractor shall provide to the District's Representative the contact information (including email addresses) of all Contractor personnel that the Contractor chooses to provide coordination for the EPM system and information. At a minimum, this will include the Contractor's Project Engineer and/or other technical staff as required. These personnel shall have sufficient computer skills required to access the Internet and do basic trouble shooting of the EPM system. The Contractor shall provide training and technical support to the Project team personnel for use of the EPM system. The Contractor shall plan on an average of 4-hours training for each of the Project team personnel who will be using the system. Having the above capability in place onsite is a condition precedent to processing the Contractor's first payment request.

1.3 OFFICIAL RECORDS

A. The documentation and records maintained on the EPM system will be the "Official Records" for the project (not including as-builts created by the Architect). At the conclusion of the project all records shall be made available via Adobe "pdf" and/or other electronic filing methods approved by the District Representative for import/export.

PART 2 -- PRODUCTS

2.1 NOT USED

PART 3 -- EXECUTION

3.1 NOT USED

- END OF SECTION -

SECTION 01 35 00

TRAFFIC CONTROL PROCEDURES

PART 1 -- GENERAL

A. RELATED REQUIREMENTS

1. Division 00 70 00: General Requirements
2. Division 00 71 00: Special Requirements
3. Division 02 41 17: Selective Campus Wide Demolition

B. REFERENCES

1. Not used.

C. PROTECTION OF PUBLIC TRAFFIC

1. Comply with requirements of Acts, Regulations and By-Laws in force for regulation of traffic or use of roadways upon or over which it is necessary to carry out Work or haul materials or equipment.
2. When working on travelled way:
   a. Place equipment in position to minimize interference and hazard to travelling public.
   b. Keep equipment units as close together as working conditions permit and preferably on same side of travelled way.
   c. Do not leave equipment on travelled way overnight.
3. Close lanes of road only after receipt of written approval from Departmental Representative.
   a. Before re-routing traffic erect suitable signs and devices to comply with requirements of Acts, Regulations and By-Laws.
4. Keep travelled way graded, free from potholes and of sufficient width for required number of lanes of traffic.
   a. Provide 7m wide minimum temporary roadway for traffic in two-way sections through Work and on detours.
   b. Provide 5m wide minimum temporary roadway for traffic in one-way sections through Work and on detours.
5. Provide graveled detours or temporary roads as directed by Departmental Representative to facilitate passage of traffic around restricted construction area:
6. Provide and maintain road access and egress to property fronting along Work under Contract and in other areas as indicated, except where other means of road access exist that meet approval of Departmental Representative.

D. INFORMATIONAL AND WARNING DEVICES

a. Provide and maintain signs and other devices required to indicate

construction activities or other temporary and unusual conditions resulting from Project Work which requires road user response.

b. Supply and erect signs, delineators, barricades and miscellaneous warning devices to comply with requirements of Acts, Regulations and By-Laws.

c. Place signs and other devices in locations recommended in Acts, Regulations and By- Laws.

d. Meet with Departmental Representative prior to commencement of Work to prepare list of signs and other devices required for project. If situation on site changes, revise list to approval of Departmental Representative.

e. Continually maintain traffic control devices in use:

a. Check signs daily for legibility, damage, suitability and location. Clean, repair or replace to ensure clarity and reflectance.

b. Remove or cover signs which do not apply to conditions existing from day to day.

E. CONTROL OF PUBLIC TRAFFIC

1. Provide competent flag personnel, trained in accordance with, and properly equipped to comply with requirements of Acts, Regulations and By-Laws for situations as follows:

a. When public traffic is required to pass working vehicles or equipment that block all or part of travelled roadway.

b. When it is necessary to institute one-way traffic system through construction areas or other blockage where traffic volumes are heavy, approach speeds are high and traffic signal system is not in use.

c. When workmen or equipment are employed on travelled way over brow of hills, around sharp curves or at other locations where oncoming traffic would not otherwise have adequate warning.

d. Where temporary protection is required while other traffic control devices are being erected or taken down.

e. For emergency protection when other traffic control devices are not readily available.

f. In situations where complete protection for workers, working equipment and public traffic is not provided by other traffic control devices.

g. At each end of restricted sections where pilot cars are required.

h. Delays to public traffic due to contractor's operators: 15 minutes maximum.

2. Where roadways, carrying two-way traffic, is restricted to one lane, for 24 hours each day, provide portable traffic signal system.

a. Adjust, as necessary, and regularly maintain system during period of restriction.

b. Ensure signal system meets requirements of Acts, Regulations and By-Laws.

F. OPERATIONAL REQUIREMENTS

1. Maintain existing conditions for traffic throughout period of contract except that, when required for construction under contract and when measures have been

taken as specified and approved by Departmental Representative to protect and control public traffic, existing conditions for traffic to be restricted.

2. Maintain existing conditions for traffic crossing right-of-way.

PART 2 -- PRODUCTS

1. NOT USED

PART 3 -- EXECUTION

1. NOT USED

- END OF SECTION -

SECTION 01 35 29

HEALTH AND SAFETY REQUIREMENTS

PART 1 - GENERAL

A. GENERAL REQUIREMENTS

1. This Section addresses special procedures and requirements that shall be followed for protection of health and safety of persons at the Project Site.
2. See Section 01 35 30 COVID-19 Procedures for related health and safety procedures.
3. Contractor is responsible for site health & safety of its personnel and those of its subcontractors. District and District's Construction Manager are not responsible for health and safety at the site.
4. Health and safety requirements established in this Section are based on Site conditions anticipated from available Site data.
    a. Procedures are intended for Work activities including, but not limited to:
        1. Hazardous Materials Abatement
        2. Scaffolding (if necessary)
        3. Ladders
        4. Crane Operations
        5. Work on roofs
        6. Demolition
        7. Shoring
        8. Backfilling
        9. Confined Space Entry
    b. Contractor shall be responsible for reviewing and revising their safety program based on actual conditions encountered at the Site and to conform with all applicable laws and regulations.
5. Before Work at the Site proceeds, all personnel involved in performing Work activities shall read, understand, and sign the Site Health and Safety Plan (SHSP) prepared by Contractor.

B. SUBMITTALS

1. Submit as specified in SECTION 01 33 00.
2. Submittals shall include, but are not limited to:
    a. Site health and safety plan (SHSP).
    b. Personnel certificates of training.
    c. Asbestos abatement license for Contractor
    d. Daily logs of air monitoring.
    e. Site entry register.

C. SITE HEALTH AND SAFETY PLAN

1. Contractor shall protect workers and the public from inadvertent entry into the site. The existing perimeter site fence shall remain during demolition. An additional internal site

security fence shall be installed to separate the Demolition Activities from any areas within the public right of way. Contractor shall maintain and repair site perimeter fences during demolition services and fencing shall continuously remain in a secure and safe condition until the successful completion of contract work. Contractor is responsible to protect and secure the demolition site using at minimum chain link construction fencing sufficiently installed, secured and maintained to prevent unauthorized access to the site.

2. The Contractor shall be required to prepare and implement a Site-specific Health and Safety Plan ("HASP") in accordance with the company requirements specified in Section 01 35 29, Health and Safety Requirements and all applicable federal and state and local regulations.

3. The Contractor shall develop a Site-Specific HASP for their operations that meets the requirements of applicable federal, state, and local requirements as well as the company requirements. The Contractor shall implement this plan taking precautions as necessary to protect the public and work force personnel from potential hazards. The Contractor shall utilize personnel with approved training as specified in Section 01 35 29, Health and Safety Requirements. The Contractor shall handle all wastes in accordance with applicable federal, state and local requirements.

4. Protection of Personnel & Public - Contractor shall conduct Work in a safe, workmanlike manner providing suitable protection for the general public. Before, during and after the demolition work the Contractor shall continuously evaluate the condition of the structure being demolished and take immediate action to protect all personnel working in and the general public around or near the demolition site. Every excavation or area of construction on a site located five feet or less from the street or right of way line shall be enclosed with a suitable barrier to prevent the entry of unauthorized persons. Where located more than five feet from the street lot line, a barrier shall be erected, where required by the code official. All barriers shall be of adequate strength to resist wind pressure as specified by the Code Official. No area, section, or component of floors, roofs, walls, columns, pilasters, or other structural element will be allowed to be left standing without sufficient bracing, shoring, or lateral support to prevent collapse or failure while workmen remove debris or perform other work in the immediate area. Floors, roofs, walls, columns, pilasters, and other structural components that are designed and constructed to stand without lateral support or shoring, and are determined to be in stable condition, may remain standing without additional bracing, shoring, or lateral support until demolished, unless directed otherwise by District. Ensure that no elements determined to be unstable are left unsupported and place and secure bracing, shoring, or lateral supports as may be required as a result of any cutting, removal, or demolition work performed under this contract.

5. CONTRACTOR shall provide new supports and reinforcement for existing construction weakened by demolition or removal work. Repairs, reinforcement, or structural replacement require approval by District to performing such work.

6. General: Contractor shall prepare and submit a Site Health and Safety Plan (SHSP) to District and District's Construction Manager. Contractor shall be responsible for the safety and health of its staff and that of its Subcontractors. District and District's Construction Manager will not be responsible for approving Contractor's SHSP. District and District's Construction Manager shall be notified in writing and consulted before any changes to SHSP are implemented. Contractor shall include at a minimum the items described in the following paragraphs.

7. Key Personnel:

   a. Contractor shall designate a full-time onsite health and safety representative (HSR) who will be responsible for the compliance to the SHSP including, but not limited to the following activities:

1. Monitor workers' breathing zone and periodically at the Site for combustible gases, dusts, asbestos.
2. Oversee all operations at the Site.
3. Maintain proper medical surveillance.
4. Provide hazard communications to personnel at the Site.
5. Train personnel in safe operating procedures.
6. Advise Contractor on health and safety matters.
    a. The SHSP shall name the HSR and an alternate, with necessary contact information prior to the start of any onsite activities.
    b. The HSR shall be a Certified Safety Professional (CSP) or Associate Safety Professional (ASP) with a minimum of 3 years of experience with similar projects.
    c. The HSR shall **not** have any other responsibilities at the site and be dedicated to the management of safety for Contractor.
    d. The HSR identified in the proposal shall not be replaced without written authorization of District or District's Construction Manager. Contractor shall provide a minimum of 48 hour notice with documentation that the replacement will meet the minimum standards identified above.

8. Health Risk Analysis: Contractor shall develop a health risk analysis to include all hazards which may be encountered during the project.
    a. Training Requirements:
        1. General: Contractor shall provide training for personnel, including supervisors, observers, and workers active on the Site. Training in safety precautions, procedures, and personal protective equipment shall comply with at a minimum, but not be limited to:
            a. 29 CFR 1910.120 (e) – Hazardous Waste Operations and Emergency Response-Training.
            b. 29 CFR 1910.146 – Permit-required confined spaces.
            c. 29 CFR 1910.1200 – Hazard communication.
            d. 29 CFR 1910.1001 – Asbestos
            e. 29 CFR 1926 - OSHA Standards for the Construction Industry
            f. 29 CFR 1926.59 - OSHA Hazard Communication Standard for Construction Industry
            g. Any other requirements not listed to conduct the work in accordance with all Applicable Laws and Regulations.
        2. Health and Safety Training: Prior to commencement of Work activities, health and safety training shall be conducted by the HSR to review pertinent sections of the SHSP.
            a. All workers shall attend.
            b. Personnel not attending shall be given a similar pre-Work orientation individually or in groups by the HSR.
            c. If a significant change in on-Site operations occurs during Work activities, another Site-specific training session shall be given.
            d. A record of training and attendance shall be provided in the Project safety log.
        3. Training Certification: Contractor shall submit copies of current training

certifications for all Project personnel to District and District's Construction Manager prior to entry onto the Work Site.

4. Site Visitors: A visitor seeking entry into an exclusion zone or contamination reduction zone on Site shall present documents of current health and safety training and medical surveillance examination/certification equivalent to that required for on-Site Work. HSR shall provide orientation on relevant sections of the SHSP.

b. Personal Protective Equipment:

1. Contractor shall include in SHSP all personal protective equipment (PPE) anticipated for use on Site according to level of protection indicated by health risk analysis.

2. Level D with high visibility safety vest shall be the minimum level of protection set for Site operations.

c. Site Security and Control:

1. Include procedures for Site security and control in SHSP.

2. Indicate Site exclusion and contamination reduction zone boundaries in SHSP.

3. Provide register log form for entering and leaving the Site.

d. Contingency Plan:

1. SHSP shall include a contingency plan for health and safety emergencies.

2. This plan shall incorporate any Site-specific or District-specific requirements.

3. A copy of the contingency plan shall remain on-Site, signed by and available for review by all personnel.

e. Standard Operating Procedures:

1. Contractor shall be familiar with and include in SHSP the District's standard operating procedures (SOP) relevant to Work activities performed on Site.

PART 2 -- PRODUCTS

A. PERSONAL PROTECTIVE EQUIPMENT

1. Level of Protection. Contractor shall include in SHSP all personal protective equipment (PPE) anticipated for use on Site.

a. Level D Protection: Work activities shall be conducted with a minimum of Level D protection indicated below. Contractor is responsible for identification and providing additional protective equipment as deemed necessary based on the identified hazards at the site. Level D protection shall at a minimum consist of:
1. Work boots with steel toe and steel shank.
2. Hard hat.
3. Safety glasses
4. Safety vest

B. FIRST AID PROVISIONS AND EMERGENCY EQUIPMENT

1. Fire Extinguishers: Type and number of fire extinguishers shall be determined by Contractor in accordance with Applicable Laws and regulations and submitted as part of the SHSP.

Inspection and maintenance shall be the responsibility of Contractor. Other fire stations equipped with the appropriate type and size of fire extinguishers shall be established by Contractor as needed. These stations shall be clearly marked and identified in the SHSP. All combustible or flammable materials used onsite shall be stored in Underwriter's Laboratory (UL) listed and/or Factory Mutual (FM) approved containers.

2. Contractor shall arrange for local emergency rescue support (i.e. local fire department) or provide any and all emergency rescue equipment, such as safety harness and lifeline, and/or basket stretcher that is required to rescue an individual from an excavation cave-in and/or confined space.

PART 3 -- EXECUTION

A. SITE SECURITY AND CONTROL

1. Work Zones:
   a. An exclusion zone for Work activities shall be established by the HSR.
   b. Both zones shall be clearly delineated with the use of barrier tape or snow fencing.
   c. Contractor's Site office, parking area, and other support operations shall be located outside the exclusion zone.
   d. Any changes in the exclusion zone shall be presented in a written SHSP amendment by the HSR to District and District's Construction Manager for approval.
   e. Boundaries of the exclusion and contaminated reduction zones shall be clearly posted by Contractor.
2. Site Register: Contractor shall maintain a register of all personnel visiting, entering, or working (on the Site) (in the exclusion zone).
3. Contractor is responsible for securing Work Zone and Site office from trespassers.
4. Contractor shall coordinate with District and District's Construction Manager to provide access as necessary for parties involved in other projects on the site, if any.
5. Signs: Before Site operations begin, Contractor shall post signs at the perimeter of the exclusion zone stating:
   DEMOLITION AREA – KEEP OUT DANGER – NO SMOKING AUTHORIZED PERSONNEL ONLY
   a. Signs shall be printed in bold large letters on contrasting backgrounds.
   b. Signs shall be visible from all points, where entry might occur and at such distances from the restricted area that personnel may read the signs and take necessary protective steps before entering.

B. CONTINGENCY PLAN

1. The following part of the SHSP shall be posted in Site construction office trailers, kept in all Site vehicles, and provided to supervisory personnel on Site.
   a. Emergency Action – Standard Operating Procedures:
      1. Name, address, and telephone number of the nearest medical treatment facility shall be conspicuously posted. A map and direction for locating the facility, plus the travel time, shall be readily available.
      2. If the facility lacks toxicological capability, arrangements shall be made for consultant

services.

3. Arrangements to quickly obtain ambulance, emergency, fire, and police services. Telephone numbers and procedures for obtaining these services shall be conspicuously posted.
4. Prior to mobilization at the Site, personal contact shall be made with emergency room personnel, the poison control center, and the local fire department and police. If outside of an established town, contact shall be made with county officials and local emergency services.
5. An eye wash kit and first aid equipment shall be readily available on Site. Personnel shall have first aid and medical emergency training.
6. Sufficient water and/or dry chemical fire extinguisher and neutralizing agents shall be maintained on Site to cope with any situation until emergency services can arrive.
    a. Medical Emergencies
        1. For any person who becomes ill or injured on Site and the injury or illness is minor, follow the requirements of the Site Health & Safety Plan.
        2. The SHSP shall outline how decontamination will occur should a medical emergency arise in the containment area.
    b. Site-Specific Information. The following shall be provided on a Site-specific basis:
        1. Nearest Hospital:

            Name.

            Address.

            Phone number.

            Directions from the Site (map attached).
        2. Nearest Fire Department:

            Phone number.
        3. Facility Contact:

            Phone number.
        4. Other emergency contacts.

C. CONFINED SPACE

1. Confined Space: As part of the SHSP, Contractor shall identify all tasks that shall be considered confined space entry (e.g., entrance into manholes, buildings and trenches), any procedure for entry into these spaces (i.e., air testing), and permit requirements.

- END OF SECTION -

SECTION 01 35 60

SITE SECURITY PROCEDURES

PART 1 – GENERAL

A. SUMMARY

1. This section describes the suggested minimum-security measures to be taken and equipment to be used by the Contractor for the Site.

2. The Contractor will be responsible for maintaining security of the Site as identified in the Project Plans twenty-four (24) hours a day, seven (7) days a week including holidays throughout the duration of the Contract. The Contractor must provide an off-hours security guard for non-work hours, weekends and holidays.

3. The Contractor will hire a security firm to provide security for the Site during non-working hours (including weekends). A security guard will be onsite during non-work hours to provide security for the site. Twice an hour, the guard will make rounds to oversee the entire site.

4. The Contractor will make no claim against Compton Unified School District ("CUSD") and CUSD's consultants for damage resulting from trespassing.

5. The party responsible for security will make good all damage to property of CUSD and others resulting from failure to provide adequate security.

6. If existing fencing or barriers are breached or removed for purposes of construction, the Contractor should provide and maintain temporary security fencing in a manner satisfactory to CUSD.

7. The Contractor will maintain a security program throughout demolition and restoration operations.

8. The Contractor will restrict entrance of persons and vehicles into the Site and existing facilities. The Contractor will allow entrance only to authorized persons with proper identification.

B. RELATED SECTIONS

1. Section 01351: Health, Safety, and Emergency Response

2. Section 01500: Temporary Facilities and Controls

C. SUBMITTALS

The Contractor will prepare a section within the Demolition Work Plan on Security for submittal to and review by the District's Construction Manager.

D. PAYMENT

This item will be measured on a Lump Sum Basis apportioned monthly over the approved work schedule.

PART 2 – PRODUCTS

Not Used

PART 3 – EXECUTION

A. SECURITY PLAN

The Contractor will submit a security plan as part of the Demolition Work Plan. This plan will address at a minimum, the following:

1. Description of proposed daily security operations;

2. Method and frequency for conducting security checks;

3. Sign in/sign out procedures;

4. Location of security station (if implemented);

5. Description of how a breach of security will be handled. A breach of security will include, but not be limited to, unauthorized personnel located in the active Site work areas, unauthorized personnel attempting to gain access to the active Site work areas, broken fences and unlocked gates, and unauthorized access to CUSD work areas.

6. Location of security check points;

7. Location of security cameras;

8. Communications; and

9. List of personnel to be contacted in case of emergency.

B. SITE SECURITY

1. Trailers shall be alarmed to provide security during periods of inactivity (nights, weekends, Holidays, etc.).

2. The Contractor will provide keyed locks on all fence gates. The Contractor will provide motion lights at each gate, at all trailers (where access is possible, i.e. doors and windows), and at all equipment storage areas.

3. The Contractor will ensure that all gaps in fences are closed to provide security of the active work areas.

4. The Contractor will be responsible for maintaining a log of all security incidents. This log will be furnished to the District's Construction Manager upon request.

C. ENTRANCE CONTROL

1. Control of all persons, equipment, and vehicles entering and leaving the Site will be provided by the Contractor. **CONTRACTOR WILL BE REQUIRED TO MAINTAIN WORK AREA SITE SECURITY.**

2. The Contractor will require each person to display proper identification and credentials. If person does not have the proper credentials, he/she must be escorted by a person carrying the proper credentials.

3. The Contractor will maintain a list of persons authorized for Site entry and submit a copy of the list to the District's Construction Manager.

4. The Contractor will require all personnel and visitors having access to the Site to sign in and sign out, and will keep a record of all Site access. A log of all visitors will be maintained.

5. Site visitors will not be permitted to enter active work areas unless authorized by the District's Construction Manager or Site Health and Safety Officer.

6. Vehicular access will be restricted to authorized vehicles only.

7. Personal vehicles will not be authorized to enter the on-site active work areas.

8. All Site activities, visitations, etc. will be coordinated with CUSD on a daily basis. At a minimum, records of visitors and trucks entering/leaving the Site will be provided upon request.

D. SECURITY STATION

The Contractor is required to provide an area designated for security operations. This area which may be part of Contractor's offices, or a separate enclosure and should contain, as a minimum, the following equipment:

1. One (1) separate telephone line with telephone;

2. One (1) table and two (2) chairs;

3. One (1) lockable, fire resistant, two (2) drawer filing cabinet.

4. A minimum of two (2) windows providing visibility of the Site.

5. A minimum of two (2) portable two-way radios for Contractor, two (2) additional portable two-way radios and one (1) base radio station. All sets will be capable of transmitting to and receiving from any other set, at any point within the project boundary. All portable units will be rechargeable, and will be capable of operating continuously without recharge for three (3) hours.

6. One (1) heat source and applicable power source.

- END OF SECTION -

01 41 00 – REGULATORY REQUIREMENTS

PART 1 – GENERAL

1.01 SUMMARY

A. Description of regulatory requirements applicable to the project.

B. Contractor responsibility for compliance with governing codes and regulations.

C. Related Requirements:

1. Section 014110 Regulatory Requirements
2. Section 014529 Testing and Inspection

1.02 RELATED SECTIONS

A. Permits and fees.

B. Quality requirements.

C. Construction progress documentation.

D. Closeout procedures.

1.03 REFERENCES

A. Applicable building codes.

B. Fire code.

C. Mechanical, plumbing, electrical codes.

D. Accessibility regulations.

E. State and local agency requirements.

1.04 AUTHORITIES HAVING JURISDICTION (AHJ)

A. DSA (for California K-12/community colleges).

B. Local Fire Marshal.

C. Utility companies.

D. State and local agencies having authority over portions of the work.

1.05 CONTRACTOR RESPONSIBILITIES

A. Obtain permits not provided by Owner.

B. Schedule inspections.

C. Coordinate with regulatory agencies.

D. Correct deficient work identified by inspectors.

PART 2 – PRODUCTS

Usually Not Used.

PART 3 – EXECUTION

3.01 COMPLIANCE

A. Perform work in accordance with applicable codes and regulations.

3.02 INSPECTIONS

A. Coordinate required inspections.

B. Provide access to inspectors and testing agencies.

3.03 DEFICIENCIES

A. Correct non-compliant work at no additional cost to Owner.

3.04 AGENCY DOCUMENTATION

A. Submit required reports, certifications, and permits.

END OF SECTION 01 41 00

SECTION 01 45 00

QUALITY REQUIREMENTS

PART 1 - GENERAL

A. SUMMARY

1. This Section includes administrative and procedural requirements for quality assurance and quality control.

2. Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements. The quality of all work shall be the responsibility of the Contractor.

    a. Specified tests, inspections, and related actions do not limit Contractor's other quality assurance and control procedures that facilitate compliance with the Contract Document requirements.

B. DEFINITIONS

1. Quality Assurance Services: Activities, actions, and procedures performed before and during execution of the work to guard against defects and deficiencies and substantiate that proposed construction will comply with requirements.

2. Quality Control Services: Tests, inspections, procedures, and related actions during and after execution of the work to evaluate that actual products incorporated into the work and completed construction comply with requirements.

C. CONFLICTING REQUIREMENTS

1. Reference Standards: If compliance with two or more standards is specified and the standards establish different or conflicting requirements for minimum quality levels, comply with the most stringent requirement. Refer uncertainties and requirements that are different, but apparently equal, to District and District’s Construction Manager for a decision before proceeding.

2. Minimum Quality Levels: The quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to District and District’s Construction Manager for a decision before proceeding.

D. SUBMITTALS

1. Refer to Specifications Section 01 33 00, Submittal Procedures.

PART 2 – PRODUCTS – NOT USED

PART 3 - EXECUTION

3.1 QUALITY CONTROL / QUALITY ASSURANCE

A. Demolition Subcontractor Qualifications. Engage experienced subcontractors with 5 years minimum experience successfully completing selective demolition work commensurate with a project of this scope.

B. Site Verification. The Contractor shall be responsible to accurately qualify the demolition scope of work and to lay out the utility, site improvements and building demolition work required by the Contract Documents. Before commencing work, the Contractor shall verify the information shown on the Drawings and report discrepancies by submitting an RFI immediately to the District's Construction Manager and District. The District's Construction Manager and District will not assume responsibility for qualifying and/or laying out the work.

C. Onsite Superintendent Qualifications. Contractor's Superintendent shall provide a full-time, resident onsite person qualified to manage and direct all aspects of the Work to be conducted by the Contractor and its subcontractors. Superintendent shall have a minimum of 5-years of experience directing asbestos abatement and demolition activities at facilities with similar equipment (i.e., large scale building & site demolition, process equipment, electrical substations, utilities, etc.) and structures. Superintendent shall be the same person for both the asbestos abatement and demolition portions of the project. The proposed Superintendent identified in the bid documents shall not be replaced without written approval of the District.

1. To request a change in Superintendent for the project, an RFI shall be submitted to the District at least 2 weeks before the planned replacement.

2. The RFI shall include a resume and documentation that the replacement Superintendent has the minimum experience and training for this project.

3. District reserves the right to reject the request for replacement and require the Contractor to provide another qualified candidate for review.

D. Disposal Requirements. Comply with governing notification regulations before starting selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

E. Refrigerant Recovery Technician Qualifications. Certified by CAL/EPA-approved certification program.

F. Standards. Comply with ANSI/ASSE A10.6 and NFPA 241.

G. Regulatory Requirements. Comply with governing EPA notification regulations before beginning selective demolition. Obtain and pay for any required demolition permit. Comply with hauling and disposal regulations of authorities having jurisdiction.

H. Pre-Demolition Meeting. Conduct meeting at Project site to comply with requirements in Division 1 Section 01 31 19 "Project Meetings". Review methods and procedures related to building demolition including, but not limited to, the following:

1. Inspect and discuss condition of construction to be demolished.

2. Review structural load limitations of existing structures.

3. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities to make progress and avoid delays.

4. Review and finalize protection requirements.

5. Review procedures for noise control and dust control.

6. Review schedule for remediation of hazardous materials by District.

I. Job Walk / Pre-Inspections. A job walk pre-inspection performed by the District's Construction Manager is required before demolition may proceed. A job walk pre-inspection is required for any portion of the Work for which the Contractor has questions concerning the performance requirements necessary to complete that portion of the Work.

J. Utility Disconnection Inspections. The Contractor's Work to disconnect utilities shall not be covered until after inspection and approval by the District's Construction Manager or the District.

1. The Contractor shall schedule an inspection whenever a utility has been disconnected or a sewer has been capped and Work shall not proceed to cover the disconnected utility until after passing inspection by the District's Construction Manager or the District.

2. The Contractor shall request the inspection 48 hours, minimum, before the inspection is needed.

K. Pre-Inspection for Below-Grade Structure Demolition. **Below-grade structure demolition shall not be permitted, except by approval of the District and the District's Construction Manager.** Refer to RFB B27-002, Exhibit 5, Preliminary Environmental Assessment (PEA) Report by Terraphase.

1. A pre-inspection performed by the District's Construction Manager is required before below-grade demolition may proceed.

2. Below-grade construction including basements, foundation walls, slabs-on-grade, and footings, shall remain protected in place prior to the Pre-Inspection.

L. Pre-Inspection to Disturb PEA Impacted Soil. **Disturbance of soil located within 5-ft of borings with sampling results that exceed 80mg/kg of lead / OCPs or Lead Impacted Soil or TPH Impacted Soil shall not be permitted, except by approval of the District and the District's Construction Manager.** Refer to RFB B27-002, Exhibit 5, Preliminary Environmental Assessment (PEA) Report by Terraphase.

1. A pre-inspection performed by the District's Construction Manager is required before disturbance of PEA Impacted Soil may proceed.

2. PEA Impacted Soil shall remain protected in place prior to the Pre-Inspection.

3.2 DOCUMENTATION

A. Maintain Quality Control Daily Reports, Daily Test Report Information Sheets, and Accessibility Inspection Reports of quality control activities and tests.

B. Quality Control Daily Reports may not be substituted for other written reports required under clauses of the contract, such as Disputes, Differing Site Conditions, or Changes.

3.3 ENFORCEMENT

A. The Contractor shall stop work on any item or feature pending satisfactory correction of any deficiency noted by the District and District's Construction Manager.

3.4 REPAIR AND PROTECTION

A. General: On completion of testing, inspecting, sample taking, and similar services, repair damaged construction and restore substrates and finishes.

B. Protect construction exposed by or for quality-control service activities.

C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

- END OF SECTION -

SECTION 01 45 24 Environmental Import Export Materials Testing

PART 1 - GENERAL

1.01 SUMMARY

A. This Section specifies the requirements for the sampling, testing, transportation, and certification of imported fill materials or exported fill materials from Centennial High School (CHS) site.

B. This Section defines:

1. CONTRACTOR requirements for use of existing, imported, or generated materials on CHS site.
2. CONTRACTOR requirements for stockpiling materials for use on CHS site.
3. CONTRACTOR requirements for exporting materials from a Centennial High School (CHS) site including transportation.
4. Testing requirements for all materials imported, exported, stockpiled, or generated for use on a CHS site.
5. CONTRACTOR testing and reporting requirements.
6. CONTRACTOR submittal requirements.

C. Related Requirements:

1. Division 1: General Requirements.
2. Section 01 11 00: Summary of Work.
3. Section 01 33 00: Submittal Procedures.
4. Section 01 77 00: Contract Closeout.
5. Section 31 10 00: Site Clearing
6. Section 31 22 00: Site Grading.
7. Section 31 23 13: Excavation Fill.
8. Section 31 23 23: Excavation Fill Utilities.
9. Section 33 40 00: Storm Drainage Utilities

1.02 OBJECTIVES

A. Ensure that fill materials imported to CHS site are safe for students, staff, and visitors.

B. Ensure that materials exported from CHS site for use at school and non-CHS site or offsite disposal/recycling are adequately characterized for lawful disposition.

C. Ensure that representative data be collected so that analytical determinations can be made in regard to the first two objectives.

D. If required by authorities having jurisdiction, the CONTRACTOR shall contract with and pay for the services of a licensed environmental professional (licensed State of California Professional Engineer [PE Civil] or Professional Geologist [PG]) familiar with environmental site assessment and waste classification and disposal requirements to perform such services.

E. If required by authorities having jurisdiction, the CONTRACTOR shall contract with and pay for an independent, approved California Department of Health Services certified testing laboratory to perform analytical testing of imported, exported and site generated fill materials.

F. Require CONTRACTOR to pay all fees required by authorities having jurisdiction over area.

G. Require CONTRACTOR to post bonds required by authorities having jurisdiction over area.

1.03 DEFINITIONS

A. Definitions not furnished in text of this section:

1. CEQA: California Environmental Quality Act.
2. EIR: Environmental Impact Report.
3. DCM, DISTRICT ENVIRONMENTAL CONSULTANT: Individual at DCM, who ensures DISTRICT compliance with all pertinent regulations, ordinances, codes, and/or policies.
4. Licensed Environmental Professional: Person licensed in the State of California and with sufficient knowledge and experience to competently perform environmentally-related work, including (but necessarily limited to) environmental site investigations, remedial projects, and other tasks involving the collection of soil, soil vapor, and groundwater samples; the selection of analytical methods for said samples; the interpretation of analytical data; the preparation of work plans, reports, and other relevant documents; and the supervision and/or oversight of remedial contractors. For the purposes of this Section, a licensed environmental professional shall include a Professional Geologist or “P.G.” or a Civil Professional Engineer or “P.E.”
5. ug/kg: micrograms/kilogram.
6. mg/kg: milligrams/kilogram.
7. NA: Not Applicable.
8. RCRA: federal Resource Conservation and Recovery Act.
9. Soil Certification/Sample Data Report: Report documenting location, volume, sampling procedures, analytical methods, chemical test results, and recommendations for either disposing or re-using stockpiled soil excavated from DISTRICT sites or proposed for import to same. Preparation of report is to follow the procedures given in Article 1.04 of this Section.
10. Soil Sampling Plan (SSP): As described in Article 1.04 of this Section, a document providing sufficient guidance with which to adequately characterize soil proposed for import to, or export from CHS. Guidance in this document is to be in accordance with the procedures described in Article1.04 of this Section.
11. STLC: Soluble Threshold Limit Concentrations as defined in Tables II and III, Chapter 11, Article 3, § 66261.24-1 of Title 22 of the California Code of Regulations (CCR).
12. TCLP: Toxicity Characteristic Leaching Procedure, test Method 1311, documented in Title 40, Part 261, Subpart C, § 261.24 of the Code of Federal Regulations (CFR).
13. TPH: Total Petroleum Hydrocarbons.
14. TTLC: Total Threshold Limit Concentrations, as defined in Tables II and III, Chapter 11, Article 3, § 66261.24-1 of Title 22 of the CCR.
15. USEPA or EPA: United States Environmental Protection Agency.

16. VOCs: Volatile Organic Compounds.

17. WET: Waste Extraction Test, as defined in Appendix II-1, Chapter 11 of Title 22 of the CCR.

1.04 SUBMITTALS

A. CONTRACTOR shall submit to DCM for transmittal if pothole sampling is utilized. In addition, the draft SSP shall contain all necessary contact information for the import/export site and a proposed schedule for the sampling activities.

DCM will either approve the document or request that revisions be made. This process shall continue until DCM approves the draft SSP.

1. Draft Soil Certification/Sample Data Report:

   a. A draft Soil Certification/Sample Data Report prepared by CONTRACTOR's licensed environmental professional for review and concurrence. At a minimum the draft Soil Certification/Sample Data Report shall contain:

      1) A site map showing the location of the in-situ sampling locations or the stockpile(s) and stockpile sample locations.

      2) A detailed discussion and evaluation of the laboratory results.

      3) A summary of findings and recommendations that provide a determination on the waste classification of the subject materials, based on the representative sample results.

      4) Recommendations for additional step-out samples, if any.

      5) Chain-of-custody forms and all laboratory data with respective QA/QC sheets.

   b. CONTRACTOR must allow DCM a minimum of 72 hours to review the draft Soil Certification/Sample Data Report. DCM will either approve the document or request that revisions be made. This shall continue until DCM approves the draft Soil Certification/Sampling Data Report.

   c. Upon revision of the draft Soil Certification/Sample Data Report by the CONTRACTOR'S licensed environmental professional and acceptance by DCM, the final report, signed and stamped by the licensed professional, shall be submitted to the DCM. If the soil is to be exported to or imported from, a DISTRICT CHS site, if it satisfied the requirements of paragraphs 3.02.F and 3.02.G of this Section, then a PG or civil PE must sign and stamp the final report.

      1) The DCM, DISTRICT ENVIRONMENTAL CONSULTANT will confirm that the proposed waste classification for the proposed import/export material is appropriate. For materials designated unacceptable for export except to a licensed facility, or for those materials sent electively by CONTRACTOR to a licensed facility, the DCM, DISTRICT ENVIRONMENTAL CONSULTANT will provide information on the necessary waste manifest documentation.

      2) If an DCM would like to conduct the soil sampling and/or soil removal, the CONTRACTOR will facilitate the DCM request.

2. Written documentation, e-mail is acceptable, verifying that all export soil data for any soils exported for use at a non-school site, including the final Certification Report prepared by CONTRACTOR's licensed environmental professional, were provided to the proposed recipient prior to export and delivery.

3. Prior to import/export, written documentation in the form of a letter sent by the transporter to the CONTRACTOR, who must in turn submit it to DCM, to verify the following:

    a. The hauling contract for each load imported to, or exported from, the CHS site specifies the use of “clean” trucks and/or trailer beds, in which the material will be carried.

    b. The actual trucks and/or trailer beds utilized for import/export activities will be clear of visible contamination or deleterious materials.

    c. The trucks will go directly from the source location to the recipient location with no detours or stops at other locations; and

    d. Short loads will not be augmented by other materials that were not tested as part of the final SSP.

    e. All import/export transportation activities shall be conducted in accordance with all applicable local, state, and federal rules and regulations.

4. Certification, in the form of haul tickets or completed waste manifests, documenting the volume and recipient of all import/export materials and activities. This documentation shall be coordinated through the DCM.

    a. For approved import/export to unregulated facilities (landfill) or non-school sites, haul tickets may be utilized, but shall contain the following minimum information:

        1) Date(s) of haul activity.

        2) Address of source site.

        3) Address of recipient.

        4) Load volume.

        5) Time of departure from source.

        6) Time of arrival at recipient site.

        7) Signature of recipient or recipient’s agent.

        8) It is the CONTRACTOR’s responsibility to confirm that no other trips or short-load augmentation occurred and submit documentation to the DCM and OEHS.

    b. For export to regulated facilities (landfills, recyclers, etc.), the appropriate waste manifest as determined by the DCM or DISTRICT’S ENVIRONMENTAL CONSULTANT in paragraph 1.04.A.3 must be completed and a copy of the executed manifest, signed by the receiving site, must be provided to the DCM. The waste manifest copy, signed by the receiving facility and based on the manifest address, will be sent directly to DCM.

1.05 APPROVALS

A. No import or export of earth or geotechnical grading or filling materials can occur at DISTRICT sites without prior approval by DCM.

PART 2 – PRODUCTS

2.01 MATERIALS

A. Imported:

1. Soils: Soils proposed for import shall be tested pursuant to the requirements of this Section (01 45 24) unless a variance has been requested by CONTRACTOR and approved by DCM prior to the import of the subject materials.

2. Gravels: Clean gravel, consisting of native rock from a commercial source, may be granted a variance from the testing requirements of this Section provided a request for variance is submitted by CONTRACTOR for review and approval at least 72 hours prior to import. CONTRACTOR shall provide written documentation, which identifies the source, volume, and proposed transport date(s) of the material for review.

   a. Furthermore, a letter signed and stamped by either a Civil PE or PG and originating from the commercial source must state the following:

      1) The quarry does not mine ultramafic (i.e., natural asbestos containing) materials.

      2) The gravel is produced from virgin aggregate materials and does not contain any contaminated or reclaimed or recycled materials.

   b. Additionally, a letter from the material transporter and signed by the same must state the following:

      1) Haul truck and/or trailer beds transferring the material are clear of visible contamination and deleterious materials.

      2) Haul trucks will go directly from the quarry source to the site with no trips or augmentation of short loads with other materials.

   c. The request for variance requires approval by DCM prior to CONTRACTOR importing the materials.

3. Sands: Clean sand from a commercial source may be granted a variance from the testing requirements of this Section provided a request for variance is submitted by CONTRACTOR for review and approval at least 72 hours prior to import. CONTRACTOR shall provide written documentation, which identifies the source, volume, and proposed transport date of the material for review.

   a. Furthermore, a letter signed and stamped by either a Civil PE or PG and originating from the commercial source must state the following:

      1) The source does not mine ultramafic (i.e., natural asbestos containing) materials.

      2) The sand is produced from virgin materials and does not contain any contaminated or reclaimed or recycled materials.

   b. Additionally, a letter from the material transporter and signed by the same must state the following:

      1) Haul truck and/or trailer beds transferring the material are clear of visible contamination or deleterious materials.

      2) Haul trucks will go directly from the commercial source to the site with no trips or augmentation of short loads with other materials.

   c. The request for variance requires approval by DCM prior to CONTRACTOR importing the materials.

4. Miscellaneous Material: No miscellaneous material containing crushed concrete, asphalt, construction debris, recycled, or other potential deleterious materials may be utilized or imported to a DISTRICT project site for use as fill or grading material.

B. Exported/Site Generated:

1. Soils: Soils proposed for export shall be tested pursuant to the requirements of the subject section unless a variance has been requested by CONTRACTOR and approved by DCM prior to the import of the subject materials. Once soils or other materials for export have been tested, they cannot be disturbed or reused for any purpose without prior approval by DCM.

2. Gravels/Sands: Gravels, sands, or other natural rock materials shall not be exported from a DISTRICT project site without prior testing by CONTRACTOR pursuant to this Section (01 45 24) and/or approval by DCM. An exception to this provision is gravel adhering to concrete or asphalt pavement. In this instance and in consultation with DCM, which shall make the final decision, CONTRACTOR may dispose of said materials and construction debris without sampling and analytical testing required under this Section.

3. Miscellaneous Material. No miscellaneous material or other similar materials shall be exported from a DISTRICT project site without prior testing by CONTRACTOR pursuant to this Section (01 45 24) and/or approval by DCM. No crushed miscellaneous material containing concrete, asphalt, construction debris, or other potential deleterious materials that is generated onsite may be used as fill or grading material of any sort at a DISTRICT project site. Crushed asphalt shall be segregated and stockpiled separately. The onsite use of crushing equipment is not permitted.

PART 3 - EXECUTION

3.01 GRADING/EXCAVATION

A. If the CONTRACTOR encounters an area with discolored, stained, and/or odorous soils or any other evidence of contamination during excavation/grading work, CONTRACTOR must immediately notify the DCM, cease work in the aforementioned area, and secure the area with fencing, tape, stakes, or other suitable means to prevent entry by personnel or equipment. In turn, the DCM will immediately notify DCM, which will initiate a construction response to address the contamination, in accordance with pertinent regulatory requirements.

3.02 SAMPLING AND TESTING

A. CONTRACTOR shall contract with, and pay for, the services of a licensed environmental professional, licensed State of California Professional Civil Engineer (PE) or Professional Geologist (PG), to oversee or perform sampling of Materials that are subject to this Section.

B. CONTRACTOR shall contract with, and pay for, an independent, approved California Department of Health Services certified testing laboratory to perform testing of imported, exported and site generated fill materials.

C. All fill/grading material, unless otherwise specified in writing by DCM, whether imported or exported, must be tested at the site of origin. Import/export testing and certification process shall include the steps listed below. DISTRICT retains the right to refuse any fill material proposed for use at a CHS site.

1. Stockpile all materials for sampling (standard stockpile or backhoe pothole stockpile). Crushed fill materials generated by CONTRACTOR at a CHS site must be segregated by material.

2. Submit draft SSP for review and concurrence by DCM. SSP must include figures identifying the site location, the in-situ sampling boundary or stockpile location, the sampling locations, and a brief site history including the type of remedial activity that occurred at the source site, if any.

3. Collect and analyze samples (see Table 1 for number of samples per volume) per the SSP. Samples must include both discrete samples and composite samples.

    a. Discrete samples correspond to a single sample depth at a single sampling/boring location. Discrete samples are to be used for producing composite samples, as described in subparagraph b. below, and for analysis, in accordance with paragraph 3.02.E.1, which applies only to VOCs and TPH-g. For analysis of these compounds, the licensed professional shall collect one discrete sample from each sampling location and samples should be collected at different depths between these locations, so that all stockpile depths are equally represented.

    b. Composite samples correspond to three sample depths from a single sampling location (this includes in situ samples). Each composite sample shall consist of three discrete samples collected near the top, middle, and bottom of the stockpile or in situ boring location at each sampling location. The licensed environmental professional shall then have the analytical laboratory combine the discrete samples into a single composite sample. The laboratory should be directed to retain a sufficient quantity of each discrete sample for further analysis, as necessary. The composite sample shall be analyzed, in accordance with paragraph 3.02.E.2, which describes required testing other than for VOCs and TPH-g. Once materials for export have been stockpiled and tested, they may not be used onsite for any purpose without prior approval by DCM.

        1) Composite samples with analyte concentrations approximating or exceeding acceptable screening criteria, as specified below in paragraphs F through H, may be attributed to constituents within one or more discrete samples. Analyzing the discrete comprising the composite may reveal the discrete samples with elevated analyte concentrations and, thus, better isolate (and minimize) the volume of soils within the stockpile requiring removal and licensed disposal.

4. Submit draft Soil Certification/Sample Data Report for review and concurrence by DCM.

5. Submit final Soil Certification/Sample Data Report to the DCM. All certified material not utilized or exported within a period of 90 days will be subject to retesting unless a variance is requested by CONTRACTOR and is approved by DCM prior to use or import/export of the subject materials.

6. Submit required pre import/export documentation/record to the DCM, e-mail is acceptable.

7. Submit post import/export certifications to the DCM, e-mail is acceptable.

8. In addition to the preceding, requirements, and as necessary or as specified by DCM, certifications and submittals as indicated in previous articles of PART 3 or in the remainder of this Section may be required.

D. Import/export fill materials shall be samples in situ or stockpiled by CONTRACTOR (or at export site) and are deemed acceptable for import/export or reuse only when it is demonstrated to the satisfaction of DCM that the subject materials meet the requirements of this Section.

E. As described in paragraph 1.04.A.2.b, lacking site-specific data or sample rationale to support a more focused analytical approach; the CONTRACTOR shall analyze all samples for the following substances according to the methods indicated below. Table 3 is a waste classification flowchart for use by CONTRACTOR's licensed environmental professional. In all cases, detection levels and quality assurance/quality control methods shall be in

accordance with standard method reporting limits, best laboratory practices and the following USEPA (EPA) methods for discrete and composite samples:

1. Discrete samples shall be analyzed for Volatile Organic Compounds (VOCs), utilizing EPA Method 8260B/5035 and for Total Petroleum Hydrocarbons (TPH) gasoline (TPH-g), utilizing EPA Method 8015M [with EPA Method 5035 extraction using either volatile organic analysis (VOA) kits, EnCores®, or an equivalent soil collection device].
2. Composite samples shall be analyzed for the following:
    a. TPH, utilizing EPA Method 8015M, for full carbon-chain speciation (including diesel, oil, and other long-chain hydrocarbons).
    b. Polychlorinated biphenyls, utilizing EPA Method 8082.
    c. Semi-Volatile Compounds (SVOCs), utilizing EPA Method 8270C.
    d. Organochlorine Pesticides (OCPs), utilizing EPA Method 8081A.
    e. Organophosphorus Pesticides (OPPs), utilizing EPA Method 8141A.
    f. Chlorinated Herbicides, utilizing EPA Method 8151A.
    g. California Code of Regulations Title 22 (CAM 17) Metals, utilizing EPA Method 6010B/7470A.
    h. Hexavalent Chromium, utilizing EPA Method 7199.
    i. Arsenic/Thallium, utilizing EPA Method 6020.
3. For EPA Method 8270C, a Method Detection Limit (MDL) of 250 ug/kg in addition to the Practical Quantitation Limit (PQL) or equivalent. This requirement is due to a recent DTSC directive requiring MDLs or PQLs to be sufficiently low to detect Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) in the composite sample, even if these compounds exceed actionable concentrations (900 ug/kg) in only one of the three discrete samples comprising the composite.
4. The certified laboratory may also need to analyze the composite samples for polycyclic aromatic hydrocarbons (PAHs), a component of semi-volatile compounds, if the data evaluation performed in accordance with paragraph 3.02.G of this Section (01 45 24) does not meet DTSC requirements. The analytical methods to be used for this purpose are EPA Method 8270 SIM, if the samples contain relatively high concentrations of hydrocarbons, or EPA Method 8310, if the samples contain low concentrations of hydrocarbons.

F. Import/export fill material may be deemed defective for use by DCM at a CHS site if any of the following results are obtained:

1. TPH are present at concentrations exceeding 100 milligrams per kilogram (mg/kg) for gasoline and/or 1,000 mg/kg for oil/diesel and long-chain hydrocarbons.
2. Solvents and other VOCs are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
3. PCBs are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
4. SVOCs are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.

5. OCPs are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
6. OPPs are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
7. Chlorinated herbicides are present at concentrations exceeding the laboratory reporting limit. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
8. California Code of Regulations Title 22 (CAM 17) Metals at concentrations exceeding site-specific background. Detections between the laboratory reporting limit and the practical quantitation limit (J-flags) should not be reported.
9. Hexavalent chromium is present at concentrations exceeding 300 ug/kg.

G. As mentioned in paragraph 3.02.E, evaluate concentrations of CPAHs, a subset of SVOCs, in the import/export material by conducting the analyses set forth below.

1. Comparing CPAH concentrations with the benzo(a)pyrene [b(a)p] equivalent concentration of 900 ug/kg, the background concentration for CPAHs defined in “A Methodology for Using Background PAHs To Support Remediation Decisions,” prepared by the Environ Corporation for the Southern California Gas Company and Southern California Edison, January 24, 2002 (referred to as “document”). In this document, CPAHs are defined in Table 2, and Potency Equivalency Factors (PEFs) for each CPAH are listed in Table 3. Using the correct PEF for each CPAH, the licensed environmental professional shall convert the concentration of each CPAH into its b(a)p equivalent concentration. The summation of these b(a)p equivalents for each CPAH must not exceed 900 ug/kg. If CPAHs do not exceed the laboratory reporting limit, then the licensed environmental professional must perform the procedure described above, using the PEF and the laboratory reporting limit (LRL) for each CPAH. The result will be the LRL for each CPAH converted to b(a)p equivalent concentrations. The summation of these b(a)p equivalent concentrations (representing the LRL for each CPAH) must not exceed 900 ug/kg.

H. Evaluate concentrations of metals in import fill by conducting the analysis set forth below.

1. Compare the maximum detected metal concentrations in import/export material samples to either DTSC or US EPA regulatory action levels for either residential or CHS site, whichever is more conservative. If any metal concentration exceeds its listed regulatory action level, the fill material fails and shall be deemed defective and unacceptable for use.
2. In addition to paragraph 3.02.G.1, import/export fill shall be deemed defective and unacceptable for use if any of the following results are obtained:
    a. Arsenic concentrations greater than or equal to12.0 mg/kg.
    b. Lead concentration greater than or equal to 80 mg/kg.
    c. Import/Export materials at CHS site with total lead concentrations greater than or equal to 50 mg/kg shall be analyzed for leachability (STLC) prior to export. Materials exceeding STLC limits identified in Table 2 are deemed defective and unacceptable for use at CHS site.
    d. Import/Export materials at CHS site with total chromium concentrations greater than or equal to 100 mg/kg shall be tested for hexavalent chromium.

I. All export/import material shall be characterized, handled, and documented in accordance with applicable US EPA and State of California hazardous waste and hazardous materials regulations (See Table 2). For the purpose of this specification, “contaminated” shall mean any soil or geotechnical material with constituent concentrations, which would require disposal at a regulated facility (i.e., California hazardous waste or RCRA hazardous waste). Refer to Article 3.03 and 3.04 which outline the disposal fee requirements for excavated contaminated soil. DCM must be notified at least 72 hours prior to the disposal of hazardous waste or hazardous material and its disposal fee cost for excavated contaminated soil. No material disposal or reuse can take place without prior written approval of DCM.

J. Specification test results and DCM approvals are valid for a period of 90 days from the date of the subject testing unless a variance is requested by CONTRACTOR and approved by DCM. Previously approved materials shall not be utilized or disposed offsite after the 90-day limit without prior review and approval by DCM.

K. Requests for variances to this Specification Section shall be submitted in writing to DCM a minimum of two weeks in advance of need for review and approval. The request for a variance from soil sampling for export must state the following: “The soil for export is less than 10 cubic yards, has no visible staining, is not odorous, and appears native”. A photograph of the stockpiled soil must be included in the variance request. The photograph must have a representative scale within it in order for DCM to determine the volume of soil to be exported. The request for variance must provide all available testing data, and a rationale to support the request. DCM will review the request for variance and will provide its preliminary determination within 72 hours. Once DCM approves the variance from sampling, the soil stockpile may be removed as “construction related debris”. Certain requests may require final approval by the DTSC.

3.03 TRANSPORTATION

A. Details of the samples and testing must be submitted to and approved by DCM or DISTRICT ENVIRONMENTAL CONSULTANT before the materials from which the samples were collected undergo transportation.

B. Haul Routes and Regulations/Restrictions: CONTRACTOR must comply with requirements of project environmental disclosure documents (i.e., CEQA EIR) and authorities having jurisdiction over the project area and the proposed activities (e.g., Regional Water Quality Control Board, DTSC, etc.).

3.04 COSTS

A. CONTRACTOR shall pay all fees required by authorities having jurisdiction over area.

B. Contractor shall pay all fees for disposal and/or processing of impacted and/or hazardous fill materials at a regulated facility.

C. CONTRACTOR shall post and pay for all bonds required by authorities having jurisdiction over area.

Volume (Cubic Yards)*	Sampling Frequency*
0 - 500	1 per 100 CY
501 - 1,000	1 per 250 CY
1,001 - 5,000	1 per 250 CY for first 1000 CY 1 per 500 CY thereafter
> 5,000	12 samples for first 5000 CY 1 per 1000 CY thereafter

All samples are to be collected, analyzed, and accepted before import/export: materials going to licensed facilities must meet sampling criteria from that facility. The rationale for sample approach should be discussed in the draft SSP.

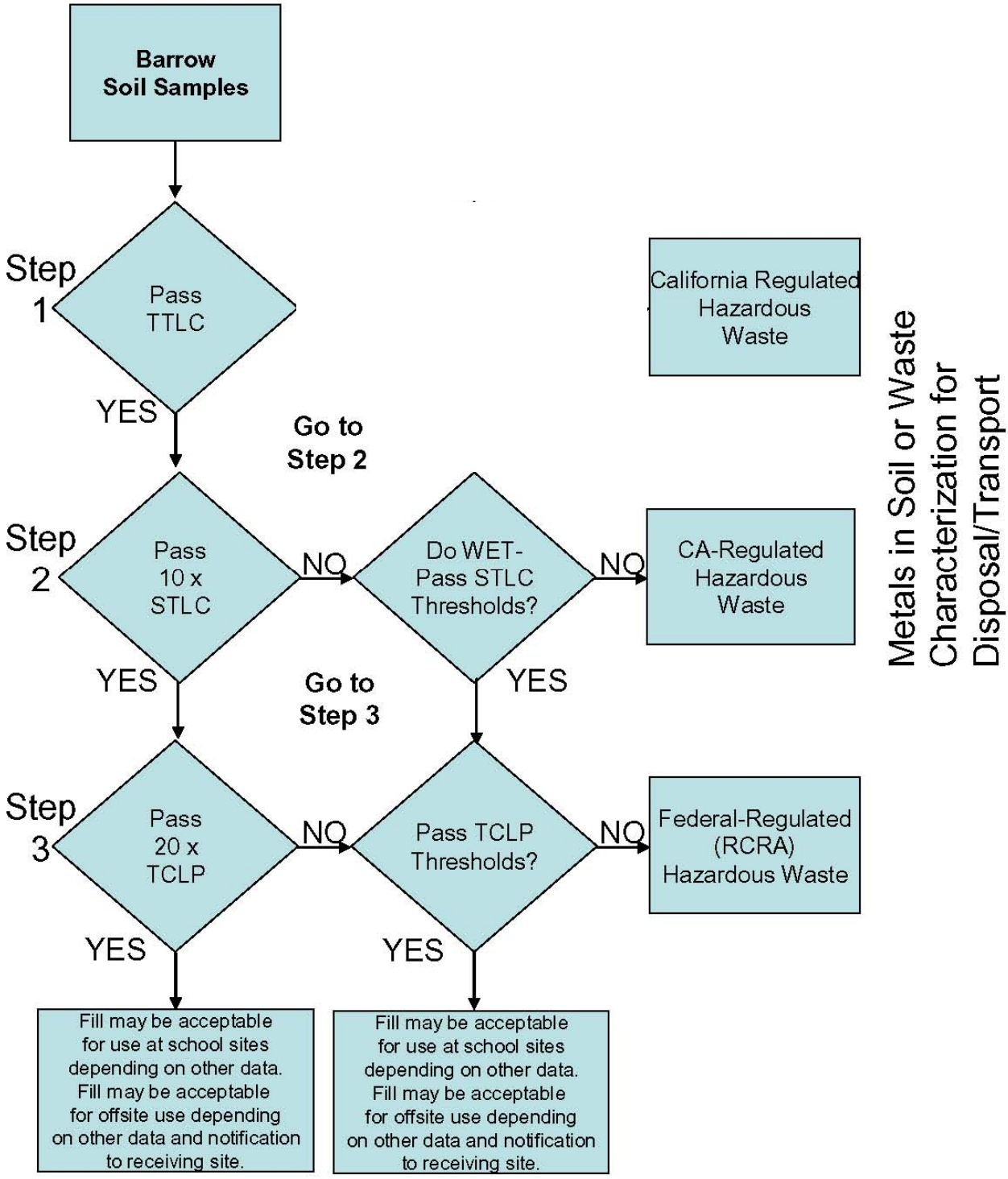
Pothole stockpile sampling may require discrete depth supplemental sampling in order to achieve representative results. The rationale for sample approach should be discussed in the draft SSP. In-situ (in place) sampling by mechanical boring or a hand auger method is acceptable if no space exists to store the soil stockpile at the site with prior DCM approval.

*Discuss alternative screening & sampling approaches with DCM representative for project.

Chemicals of Potential Concern	TABLE 2 WASTE CHARACTERIZATION				
	Hazardous Waste if Exceed Criteria - TTLC Level* (mg/kg)	Additional WET Leaching Tests if Exceed Hazardous Waste Criteria - 10 times STLC Level** (mg/kg)	California-Regulated Hazardous Waste - Soluble Threshold Limit Concentration -STLC Level (mg/l)	Additional TCLP Leaching Tests if Exceed Hazardous Waste Criteria - 20 times TCLP Level** (mg/kg)	Federally Regulated (RCRA) Hazardous Waste - Toxicity Characteristic Leaching Procedure - TCLP Level (mg/l)
CAM 17 Metals					
Antimony	500	150	15	NA	NA
Arsenic	500	50	5	100	5
Barium	10,000	1,000	100	2,000	100
Beryllium	75	7.5	0.75	NA	NA
Cadmium	100	10	1	20	1
Chromium	2,500	50	5	100	5
Cobalt	8,000	800	80	NA	NA
Copper	2,500	250	25	NA	NA
Lead	1,000	50	5	100	5
Mercury	20	2	0.2	4	0.2
Molybdenum	3,500	3,500	350	NA	NA

Nickel	2,000	200	20	NA	NA
Selenium	100	10	1	20	1
Silver	500	50	5	100	5
Thallium	700	70	7	NA	NA
Vanadium	2,400	240	24	NA	NA
Zinc	5,000	2,500	250	NA	NA
Chromium (VI)	500	50	5	NA	NA

TABLE 3 – WASTE CLASSIFICATION FLOWCHART



SECTION 01 55 00

ACCESS AND STAGING

PART 1 - GENERAL

A. SUMMARY

1. Provide all material, labor, and equipment necessary to perform the work as shown on Drawings and as specified herein.
2. This SECTION includes:
   a. Approved access roads to and from the project site and work areas.
   b. Approved equipment staging and parking areas.

B. REFERENCES

1. General
   a. The publication listed below forms a part of this specification to the extent referenced.
   b. Refer to the latest edition available on the date of the Notice Inviting Bids shall be used.
2. California Department of Transportation (Caltrans)
   a. Manual of Traffic Controls for Construction and Maintenance Work Zones

C. SUBMITTALS

1. Site Logistics Plan. See Specifications Section 01 33 00, Submittal Procedures.

D. ACCESS TO THE WORK SITE

1. Contractor shall coordinate with Habitat Agency regarding site access. Contractor shall provide contact information for a representative during construction and for the owner during long-term maintenance. Contractor shall provide a construction and site access schedule to Habitat Agency and County.
2. The Contractor's use of existing access roads will be prohibited or limited where shown on Drawings.
3. In case of need to enter the site after normal working hours, access shall be arranged in advance with the Owner's Representative. Working hours are generally 8 AM to 5 PM, Monday through Friday. Weekend hours may be allowed when approved by CUSD.
4. The Contractor’s employees shall park within the worksite as shown on Site Logistic Plan, Bidding Documents Exhibit 9 and page 74 of the Drawings. All deliveries shall be coordinated through the District’s Construction Manager.
5. Due to the limited amount of on and off Project site space for the parking of staff and school visitor’s vehicles there will be no parking of Contractor vehicles in areas designated for school use only. Contractor shall provide legal access to and maintain Contractor designated areas for the legal parking, loading, off-loading and delivery of all vehicles associated with the Work.
6. Contractor shall be solely responsible for providing and maintaining these requirements whether on or off the Project site. Contractor shall provide and maintain ample on-site parking spaces designated for the exclusive use of District. Contractor shall erect signs as required by District each of these spaces and prevent all unauthorized vehicles from parking in the District-reserved

spaces.

E. TRAFFIC CONTROL

1. The Contractor shall be responsible for the safe movement of vehicular traffic to and from the worksite and during operations, including traffic control measures required to ensure safe passage of vehicles and equipment.
2. The control shall be in accordance with CCR Title 8.
    a. At least 1 flagman shall be provided at the entrance to McKean Road during periods when the Contractor's vehicular activity may conflict with other traffic along roads.
    b. The flagman shall ensure that the right-of-way is granted to loaded vehicles and shall provide for safety of all users of the road.
3. The Traffic control and signage shall be in accordance with Manual of Traffic Controls for Construction and Maintenance Work Zones.

F. HAUL ROUTES

1. If a permit is required by local authorities for off-site hauling of materials, the Contractor shall prepare the truck-routing plan, obtain the permit, and submit a copy of the permit to the Owner's Representative before off-site hauling begins.
2. The plan shall include provisions for cleaning soil and rock from McKean Road and other paved roads that may become dirty due to hauling operations, and disposal of those items.
3. Comply with weight restrictions on all roads.
4. The Contractor shall inform the Owner's Representative and local authorities when hauling operations are to begin and end.

G. ACCESS ROADS

1. Throughout the entire Contract period, the Contractor shall share access roads, both those constructed by the Contractor or otherwise provided for Contractor's use, with the County and others (e.g. cattle rancher) whose work is adjacent to the Contractor's work.
    a. Coordination with others shall be the responsibility of the Contractor. In case of conflicts or disputes, the Owner's Representative's decision will be final.
    b. The Contractor shall not construct new access roads.
    c. The Contractor shall provide dust control on access roads used in Contractor operations and on those roads subject to dust because of conditions created by the work.
        a. Roads shall be sprayed by water truck at least twice daily or more frequently during haul operations.
        b. Contractor shall limit driving speed on access roads to keep dust down.
    d. If on-site access roads become damaged during the work, the Contractor shall promptly repair them with equivalent surfacing.

H. PARKING

1. On-site parking areas for Contractor personnel shall be limited to the staging areas shown on Drawings.
    a. The Contractor's personnel, suppliers, and delivery vehicles shall not block access roads.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

SECTION 01 56 00

TEMPORARY BARRIERS and ENCLOSURES

PART 1 - GENERAL

1.1 SUMMARY

1. This Section includes General Requirements for:
   a. Safety and protection of Work.
   b. Safety and protection of existing District property, including adjacent private property.
   c. Barriers.
   d. Security.
   e. Environmental controls.
   f. Access roads and parking areas.
   g. Traffic control and use of roadways.

1.2 DEFINITIONS

1. Refer to Specifications Section 01 42 00, Definitions and Standards.

1.3 STORMWATER POLLUTION PREVENTION PLAN

1. Contractor shall prepare a Stormwater Pollution Prevention Plan covering the work outlined in the Contract Documents.
2. Contractor shall submit a copy to the District for review before finalizing.

1.4 STORMWATER PERMIT

1. Contractor shall obtain a stormwater permit for the work covered by the Contract Documents as applicable.
2. Contractor shall provide a copy of the permit obtained prior to conducting any work at the site.

PART 2 - PRODUCTS – NOT APPLICABLE

PART 3 - EXECUTION

3.1 PROTECTION OF WORK AND PROPERTY

1. General
   a. Construct and maintain all necessary temporary drainage and stormwater protection in accordance with the SWPPP and stormwater permit.
   b. Conduct all pumping necessary to keep excavations, floors, pits, trenches, manholes, and ducts free of water throughout this Project.

3.2 BARRIERS

1. General:

a. Furnish, install, and maintain suitable barriers as required to protect the Work, adjacent property outside the Area, Railroad and associated structures, existing water line designated to remain, and roadways from demolition operations. Remove at completion of the Work.

b. Materials may be new or used, suitable for the intended purpose, but shall not violate requirements of applicable codes and standards or regulatory agencies.

c. Barriers shall be of a neat and reasonable uniform appearance, structurally adequate for the required purposes.

d. Maintain barriers in good repair and clean condition for adequate visibility. Relocate barriers as required by progress of Work.

e. Repair damage caused by construction and restore the area to original or better condition. Clean the area to the satisfaction of District.

f. Contractor shall provide and maintain shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of construction to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.

g. Contractor shall strengthen or add new supports when required during progress of selective demolition.

3.3 ENVIRONMENTAL CONTROLS

1. Dust Control

   a. Provide positive control methods and apply dust control materials to minimize raising dust from demolition, excavation or backfilling operations; and to prevent airborne dust from dispersing into the atmosphere.

   b. When using water for additional dust control the Contractor shall record:

      1. Date; and

      2. Area(s) at the facility where water is applied.

   c. Observe and enforce vehicle speed limit of 15 mph or less on the Site to minimize fugitive dust generated from vehicle traffic.

2. Water and Erosion Control

   a. Provide methods to control surface water from the Site to prevent damage to adjoining properties in accordance with the Project SWPPP and the Drawings. Contractor shall meet the stricter of the requirements specified herein, indicated on the Drawings, or stated in the Project SWPPP.

   b. Plan and execute construction and earthwork by methods to control surface drainage from cuts and fills, and from borrow and waste disposal areas, to prevent erosion and sedimentation.

      1. Hold the areas of bare soil exposed at one time to a minimum.

      2. Provide temporary control measures such as berms, dikes, and drains.

   c. Control fill, grading, and ditching to direct surface drainage away from excavations, pits, tunnels, and other construction areas; and to direct drainage to proper runoff.

   d. Provide, operate, and maintain hydraulic equipment of adequate capacity to control surface and groundwater.

   e. Treat and dispose of surface runoff water in a manner to prevent flooding, erosion,

sedimentation, or other damage to any portion of the Site or to adjoining areas, and in accordance with the storm water permit obtained for the demolition and remediation Activities.

3. Debris Control and Clean-Up

   a. Keep the Site free at all times from accumulations of debris, waste materials, and rubbish caused by construction operations and employees. Responsibilities shall include:

      1. Adequate trash receptacles about the Site, emptied promptly when filled.

      2. Periodic cleanup to avoid hazards or interference with operations at the Site and to maintain the Site in a reasonably neat condition.

      3. The keeping of construction materials such as forms and scaffolding neatly stacked.

      4. Immediate cleanup to protect the Work by removing splattered concrete, asphalt, oil, paint, corrosive liquids, and cleaning solutions from walls, floors, and metal surfaces before surfaces are marred.

   b. Prohibit overloading of trucks to prevent Spills on access and haul routes. Provide periodic inspection of traffic areas to enforce requirements.

   c. Final cleanup is specified in SECTION 017800 - Contract Closeout.

4. Pollution Control

   a. Provide methods, means, and facilities required to prevent contamination of soil, water, or atmosphere by the discharge of hazardous materials or TSCA Materials from Site operations.

   b. Provide equipment and personnel, perform emergency measures required to contain any Spills, and remove contaminated soils or liquids. Contain all soils on Site and return to areas of excavations to be used as fill on Site. Only when approved by the District's Representative, excavate and dispose of any contaminated earth off-Site in approved locations, and replace with suitable compacted fill.

   c. Contractor shall provide analytical results of proposed fill materials prior to importing it to the site indicating the material does not contain constituents above the IDEM standards.

   d. Take special measures to prevent harmful substances from entering public waters, sanitary, or storm sewers and ditches.

3.4 ACCESS ROADS AND PARKING AREAS

1. Existing On-Site Roads and Parking Areas:

   a. Designated existing on-Site roads and parking facilities may be used for construction traffic.

      1. Provide temporary additional roads as needed for required construction access.

      2. Maintain existing construction, and restore to original, better, or specified condition at completion of Work.

      3. Do not allow heavy vehicles or construction equipment in parking areas.

      4. Employee parking during construction shall be in area designated on the Contract Drawings.

3.5 TRAFFIC CONTROL AND USE OF ROADWAYS:

1. Contractor shall be responsible for any permitting, traffic control and repairs as required by the City, State, or other governing authority.

2. Trucks waiting to load should assemble on the site.

3. Maintenance of Roadways:

   a. Repair roads, walkways, and other traffic areas damaged by Contractor's operations. Keep traffic areas as free as possible of excavated materials and maintain in a manner to eliminate dust, mud, and hazardous conditions.

   b. All operations and repairs shall meet the approval of District or agencies having jurisdiction.

- END OF SECTION -

SECTION 01 56 39

TEMPORARY TREE AND PLANT PROTECTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Construction Drawings, Technical Specifications, Addenda, and general provisions of the Contract, including Contract General Conditions and Supplementary General Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

A. Requirements to preserve, protect, and prune as necessary existing trees and shrubs, and other vegetation indicated to remain.

B. All trees and plant materials to remain on site shall be protected from all trades working on the job, and it shall be the Contractor's responsibility to ensure that all subcontractors are aware of and held responsible for any damage to existing trees and plant material. In addition, Contractor shall be held responsible to insure that following protective measures are carried out throughout the entire construction period.

C. Maintenance: Throughout the life of the construction project, the Contractor shall be responsible for overseeing the watering, fertilizing, pruning, and other measures necessary to protect all existing trees, lawns, shrubs, groundcover, and other plants.

1.3 RELATED REQUIREMENTS

A. Section 01 57 00 – Temporary Controls

B. Section 01 57 23 – Storm Water Prevention Pollution.

C. Division 32 – Exterior Improvements: Landscaping specifications related to trees, shrubs and ground covers, as applicable.

D. Exhibit 15 – Tree Report (Addendum 04)

1.4 QUALITY ASSURANCE

A. Arborist: Contractor shall engage and pay a Certified Arborist who will be responsible for supervising implementation of tree and plant protection measures specified in this Section.

1. Arborist shall be subject to acceptance by District's Representative.
2. Arborist registered by the American Society of Consulting Arborists.
3. Submit evidence contract with acceptable Certified Arborist prior to commencing site mobilization activities.

PART 2 - PRODUCTS

2.1 BARRIERS

A. Barriers: As specified in Section 01 57 10 – Existing Finish Protection.

2.2 FERTILIZER

A. Fertilizer: Unless otherwise directed by District's Representative, type and quantity of fertilizer shall be determined by soil agronomist engaged and paid by Contractor, who is acceptable to District's Representative.

1. As basis for bidding, fertilizer shall be Romeo "Greenbelt" 22-14-14 tree fertilizer or approved equal at 4 lb. fertilizer dissolved in 100 gallons water.

B. Accessory Materials: As determined by Contractor as necessary for sustained health of trees and plants, subject to acceptance by District's Representative. Accessory materials shall include mulch, tree and plant stakes and temporary covers.

PART 3 - EXECUTION

3.1 PROTECTION

A. Protection: Prior to construction activities, especially demolition and excavation, on the site, Contractor shall submit to District's Representative evidence of a contract with a Certified Arborist who shall be responsible for supervising implementation of the following tree protection measures.

1. Protect all existing trees, shrubs and ground covers from stockpiling, material storage including soil, vehicle parking and driving within the tree drip line. Restrict foot traffic to prevent excessive compacting of soil over root systems.

2. Protect root systems of existing trees, shrubs, and ground covers from damage due to chemically injurious materials in solution caused by runoff and spillage during mixing, placement of construction materials, and drainage from stored materials.

3. Protect root system from flooding, erosion, excessive wetting and drying resulting from de-watering and other operations.

4. Above-ground surface runoff shall not be directed into the tree canopy area from adjacent areas. Ensure that sidewalks or other construction do not trap water near the tree. Coordinate with requirements specified in Section 01 57 00 - Temporary Controls.

5. Protect existing plant materials from unnecessary cutting, breaking, and skinning of roots and branches, skinning and bruising of bark.

6. Use no soil sterilants under pavement near existing trees.

7. Do not allow fires under and adjacent to existing trees or plants.

B. Maintenance: Throughout duration of the Contract, Contractor shall be responsible for irrigation, fertilizing, pruning, and other measures necessary to protect and nurture all existing trees, plants, ground covers and lawns indicated to remain in Project.

3.2 PRUNING

A. Engage the Consulting Arborist registered by the American Society of Consulting Arborists or approved equal. Arborist shall direct removal of branches from trees and large shrubs, and correctional pruning and cabling of specified trees that are to remain, if required to clear new construction and where indicated. Arborist shall also direct necessary tree root pruning and relocation work.

B. Where indicated by District Representative, extend pruning operation to restore natural shape of entire tree using only Western Chapter ISA Pruning Standards.

C. Cut branches and roots with sharp pruning instruments. Do not break, chop, or mutilate.

D. Pruning of existing trees shall concern itself with removing all dead wood 1/2" or greater in size, removing vines and/or sucker growth. Tree cavities existing on all oak trees are to be cleaned of wood rot. The procedure for each tree may vary and will need to be approved by the Consulting Arborist prior to commencing work.

E. Tree limbs in the way of proposed buildings shall only be trimmed by reputable ISA Certified Arborist or ISA Certified Climber and shall approved by District and District's Construction Manager.

3.3 IRRIGATION

A. Irrigate trees and other vegetation that are to remain as necessary to maintain their health before, during and after the course of the work as directed by the Consulting Arborist. Maintain an irrigation schedule and document. Submit schedule to District and District's Construction Manager for review and acceptance.

B. If the soil within the drip line of the tree is compacted, then prior to watering or fertilizing trees, the area within the drip line of the tree shall be rototilled to loosely break up the top two (2) inches of existing soil.

C. All trees shall be deep root watered using an injection needle to a depth of eighteen (18) inches. Needle shall be inserted into the ground five (5) feet apart in concentric rings around the tree; each ring is four (4) feet wider than the previous one. This process shall continue out to the drip line of the tree.

D. Trees greater than twelve (12) inches in caliper shall be watered during the first month of construction using minimum 800 gallons of water per tree. For trees less than twelve (12) inches in caliper, minimum 600 gallons of water shall be used per tree. This procedure shall be repeated every six (6) months, in addition to the normal watering schedule.

3.4 FERTILIZING

A. All trees shall be fertilized before, during, and after construction by pumping under pressure directly 18-inches into root zone as directed by Certified Arborist.

3.5 EXCAVATION AROUND TREES

A. Excavate within drip lines of trees only where indicated.

B. Where trenching for utilities is required within drip lines, tunnel under and around roots of 2 1/2" diameter or larger by hand digging. Do not cut main lateral roots that are 2" or larger. Cut smaller roots that are smaller than 2" which interfere with installation of new work. Use sharp approved pruning tools. Pipes should be routed into an alternate location to avoid conflict, wherever possible.

C. Where excavating for new construction is required within drip lines of trees, hand excavate to minimize damage to root systems. Use narrow tine spading forks and comb soil to expose roots. Relocate roots in backfill areas wherever possible. If large, main lateral roots are encountered, expose beyond excavation limits as required to bend and relocate without breaking.

D. If encountered immediately adjacent to location of new construction and relocation is not practical, cut roots approximately six (6) inches back from new construction. Cover cut ends with plastic sandwich bag.

E. Do not allow exposed roots to dry out before permanent backfill is placed. Provide temporary earth cover, pack with wet peat moss or four (4) layers of wet untreated burlap and temporarily support and protect from damage until permanently relocated and covered with backfill. Water to eliminate voids and air pockets.

F. Thin branching structure in accordance with Western Chapter, ISA Pruning Standards to balance loss to root system caused by damage or cutting of root system. Thinning shall not exceed 30% of existing branching structure.

3.6 GRADING AND FILLING AROUND TREES

A. Maintain existing grade within drip line of trees unless otherwise indicated. Any grade change shall be limited to six (6) inches of cut or fill from the original grade and shall be accomplished by hand. Under all [*Campus to insert types of trees*] trees there shall be no grade change under at least the inner 50% of the tree canopy.

B. Lowering Grades: where existing grade is above new finish grade shown around trees, carefully hand excavate within drip line to new grade. Cut roots exposed by excavation to approximately three (3) inches below elevation of new finish grade.

C. Raising Grades: permitted only as acceptable to District Representative.

D. If building pads or foundations are to be constructed within the fenced areas or if the existing landscape is to be altered by the addition of fill or reduced by excavation, the District Representative shall be notified prior to this work. Measures as approved by the District Representative, such as small retaining walls or subgrade aeration lines, may be required to mitigate construction procedures affecting the tree.

3.7 REPAIR AND REMOVAL OF TREES

A. Repair and Removal of Trees: Certified Arborist and District's Representative will determine whether trees shall be restored or removed. Treat and restore trees damaged by construction operations in a manner acceptable to District's Representative. Perform restoration and pruning promptly after damage occurs to prevent progressive deterioration of damaged trees. If trees cannot be restored, equitable adjustment to Contract Sum shall be made to compensate District for loss, in accordance with the Contract General Conditions.

1. Remove dead and damaged trees that are determined by Certified Arborist to be incapable of restoration to normal growth pattern.

2. Contractor shall be liable for all damage and necessary restoration actions to existing trees, including trunk, branches, or roots. Restoration shall be performed under direction of Certified Arborist.

3.8 REPAIR AND REPLACEMENT OF SHRUBS AND GROUND COVER

A. Repair shrubs and other vegetation damaged by construction operations in a manner acceptable to District Representative. Make repairs promptly after damage occurs to prevent progressive deterioration of damaged plant.

B. Remove and replace all dead and damaged plants that are determined by the District Representative to be incapable of restoration to normal growth pattern.

1. Provide new shrubs of same size and species as those replaced or as acceptable to the District Representative.

2. Plant and maintain as specified under Division 32.

C. Repairs and Replacements of Shrubs and Ground Cover: Repair shrubs and other vegetation damaged by construction operation in manner acceptable to District's Representative.

1. Make repairs promptly after damage occurs to prevent progressive deterioration of damaged plant. Remove and replace all dead and damaged plants up to six-inch diameter, which are determined by District's Representative as being incapable of restoration to normal growth pattern.

2. Provide new shrubs of same size and species as those replaced or as acceptable to the District's Representative.

3.9 COMPENSATION TO DISTRICT FOR LOST AND DAMAGED TREES

A. The Contractor shall be liable for the loss in value to damaged trees and for all repair or replacement costs resulting from construction operations as determined by the District Representative. Because of the irreplaceable nature of many of the existing trees, the amount of assessment shall be determined by the District Representative, depending upon tree species, condition before damage, and location value.

B. Designated sums shall be governed by applicable provisions of the Contract General Conditions.

- END OF SECTION -

SECTION 01 57 23A - SWPPP MONTHLY REPORT

Centennial HS – Increment 01	***Storm Water Management Monthly Report***		Form SWPPP XXX
	Revision 1.0	Revision Date xx/xx/xx	Effective Date xx/xx/xx

_____ _____ Storm Water Management Report for: _____ to _____
Month Year (MM / DD / YYYYY) (MM / DD / YYYYY)

Inspection and Monitoring Requirements

Refer to the projects SWPPP for details, such as:

- *Inspection frequencies,*
- *Testing parameters, etc.*

Risk Level	Visual Inspections					Sample Collection		Were all required inspections and sampling conducted?
	Quarterly Non-storm Water Discharge	Pre-storm Event		Daily Storm BMP	Post Storm	Storm Water Discharge	Receiving Water	Yes[1] ☐ No☐ NA ☐
		Baseline	REAP					[1] Attach copies of inspections and sampling reports as applicable
1	X	X		X	X			
2	X	X	X	X	X	X		
3	X	X	X	X	X	X	X	

Were there any Storm Water or authorized non-storm water discharges? List the dates of the events: _____	Yes ☐ No☐
Are there loose stockpiled construction materials that are currently not actively being used (i.e. soil, spoils, aggregate, fly-ash, stucco, hydrated lime, etc.) covered and bermed?	Yes ☐ No ☐ NA☐
Are the site management (i.e., "housekeeping") measures for <u>construction materials</u> that could potentially be a threat to water quality if discharged implemented and effective?	Yes ☐ No☐
Are the site management (i.e., “housekeeping”) measures for <u>waste management</u>, implemented and effective?	Yes ☐ No☐
Are good housekeeping measures for <u>vehicle storage and maintenance implemented and effective?</u>	Yes ☐ No ☐ NA☐
Are good housekeeping for <u>landscape materials implemented and effective?</u>	Yes ☐ No☐
Are good housekeeping measures in place on the construction site to control the air disposition of site materials and from site operations?	Yes ☐ No☐
Are there any areas of the site where additional BMPs are necessary to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges?	Yes ☐ No☐
Are measures in place to control all non- storm water discharges during construction and were they effective?	Yes ☐ No☐

SECTION 01 57 23A - SWPPP MONTHLY REPORT

Centennial HS – Increment 01	***Storm Water Management Monthly Report***		Form SWPPP XXX
	Revision 1.0	Revision Date xx/xx/xx	Effective Date xx/xx/xx

Were any vehicles washed done in such a manner as to prevent non-storm water discharges to surface waters or MS4 drainage systems?	Yes ☐ No ☐ NA☐
Are effective wind erosion control measures in place?	Yes ☐ No ☐ NA☐
Are effective soil covers in place for inactive **areas** and all finished slopes, open space, utility backfill, and completed lots?	Yes ☐ No ☐ NA☐
Are effective perimeter controls in place that stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from the site?	Yes ☐ No ☐ NA☐
Was all run-on, all runoff within the site and all runoff that discharges off the site effectively managed in accordance with the SWPPP?	Yes ☐ No ☐ NA☐
Were all inspection, maintenance repair and sampling activities at the project location performed or supervised by a Qualified SWPPP Practitioner (QSP) representing the discharger?	Yes[1] ☐ No ☐ NA☐ [1] Attach copies of inspections and sampling reports as applicable
Were weekly inspections and observations conducted, including at least one during each 24-hour period during extended storm events? NOTE: Inspectors shall be the QSP or be trained by the QSP.	Yes[1] ☐ No ☐ NA☐ [1] Attach copies of inspections and sampling reports as applicable

I, _____, QSP No. _____ the Qualified Stormwater Practitioner for_____
Print first name Print last name project description

Certify the project is in compliance with the Storm Water Pollution Prevention Plan (SWPPP) for this project and the current General Permit For Storm Water Discharges Associated With Construction And Land Disturbance Activities (NPDES NO. CAS000002).

_____ _____
Signature date

SECTION 01 58 00

CONSTRUCTION SIGNAGE

PART 1 - GENERAL

A. RELATED DOCUMENTS

1. Drawings and General Provisions of Contract, including General Conditions and other Division 1 Specification Sections, apply to the Work of this Section, with special attention to the following:

a. Summary of Work: Section 01010.

B. DESCRIPTION

1. Provide temporary on-site information signs.

1. As required and regulated by codes, laws, and regulatory agencies.

2. To identify key elements of the construction facilities.

3. To direct traffic.

2. The District's Construction Manager and Contractor will be allowed to install their own identification signs.

3. Remove signs on completion of construction.

4. Allow no other signs to be displayed.

C. INFORMATION SIGNAGE

1. Painted signs with painted lettering or standard products.

2. Size of signs and lettering: As required by regulatory agencies or as appropriate to the usage.

3. Colors: As required by regulatory agencies, otherwise of uniform colors throughout the Project.

4. Erect at appropriate locations to provide the required information.

D. QUALITY ASSURANCE

1. Sign Painter: Professional Experience in the type of work required.
2. Finishes, Painting: Adequate to resist weathering and fading for the scheduled construction period.

PART 2 - PRODUCTS

A. SIGNAGE MATERIALS

1. Structure and Framing: May be new or used, wood or metal in sound condition structurally adequate to the work and suitable for specified finish.

2. Sign Surfaces: Exterior softwood plywood with medium density overlay, standard large sizes to minimize joints.

3. Thickness: As required by standards to span across framing members, to provide even, smooth surface without waves or buckles.

4. Rough Hardware: Galvanized.

5. Paint: Exterior quality.

6. Use Bulletin colors for graphics.

PART 3 - EXECUTION

A. INFORMATION SIGNAGE

1. Paint All Exposed Surfaces: One coat of primer and one coat of exterior paint.

2. Paint graphics in the styles, sizes, and colors as required.

3. Install at a height for optimum visibility, on ground-mounted poles or attached to temporary structural surfaces.

B. MAINTENANCE

a. Maintain signs and supports in a neat, clean, condition; repair damages to structure, framing, or sign.

C. REMOVAL

a. Remove signs, framing, supports, and foundations at completion project.

- END OF SECTION -

HAZARDOUS MATERIALS ABATEMENT SPECIFICATIONS

For The Asbestos and Lead Related Work At The

CENTENNIAL HIGH SCHOOL

2606 N Central Avenue
Compton, California 90222

Prepared For

COMPTON UNIFIED SCHOOL DISTRICT

429 Oleander Street
Compton, California 90220

Prepared by

ENCORP
Engineering our Environment

16700 Valley View Avenue, Suite 100, La Mirada, California 90638
(714) 523- 9811 • Fax (714) 523-9810
www.encorp.net

April 13, 2026

PREPARED BY: _____

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CDPH # 4990

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ATTACHMENTS

Attachment A: P26030.C01 – Centennial High School
Survey Asbestos and Lead-based Paint Inspection Report.
Dated Jan. 22 - 29, Feb. 2-4, 9-11, 17-24, March 2, 3, 6, 9, 2026

Attachment B: Draft Procedure 5 Plan

SECTION 02080 - HAZARDOUS MATERIALS REMOVALS

PART 1 - GENERAL

1.1 PROJECT SITE

A. The project site is identified as the Centennial High School located at 2606 N Central Avenue, Compton, California. Work areas shall include areas of impact where hazardous materials are to be impacted, as outlined in the Asbestos and Lead-Based Paint Inspection – Project Number P26030.C01.

Per Contract Document, Bid Documents, and otherwise specified documents. The Contractor shall be responsible for all abatements as necessary to perform asbestos containing materials demolition, lead containing materials inspection, preparations for building material demolition, and as needed any abatement in remaining buildings and facility components as necessary to accommodate structure demolition. Material demolition (abatement) as needed of asbestos, lead and hazardous materials including spot abatement, and disturbance, spot removal or impact, removal and proper disposal of asbestos/lead/and universal waste materials, demolition/removal or lead stabilization of lead containing materials, and removal and disposal of Miscellaneous Hazardous Materials as determined necessary for demolition in conformity with the general specifications, Plans, Project Specifications & The Hazardous Materials Inspection Report provided, including but not limited to reports found on Attachment A to this Section 02080, including equipment which is specified, shown or reasonably implied, and necessary demolition as specified, shown or reasonably implied for the access and removal, transport, and disposal of the hazardous materials identified in the report.

1.2 SCOPE OF WORK

A. The main project goal for this project is perform the necessary project demolition of hazardous containing materials and related hazardous materials construction within the facility structure in preparation for demolition in compliance with all construction documents, plans, and project specification. Hazardous materials identified within the subject buildings and structures are to be removed as part of the demolition/modernization project and/or as outlined in the demolition and renovation scope of work and District bid documentation.

B. All removal and disturbance of asbestos-containing materials shall be performed by an asbestos abatement contractor, using 32-hour asbestos certified workers (Asbestos Worker trained as outlined in 40 CFR 763). Abatement contractor's workforce shall be supervised by experienced persons trained, knowledgeable and qualified in the techniques of asbestos abatement, handling and disposal of asbestos-containing and/or asbestos-contaminated materials, and the subsequent cleaning of contaminated areas, including, at a minimum, Competent Person/Contractor Supervisor training as outlined in 40 CFR 763.

C. All removal and disturbance of lead-based materials shall be performed by a state-licensed contractor, using CPDH-certified workers with at least one CDPH-certified Supervisor. All removal and disturbance of lead-containing materials (not meeting the definition of "lead-based) as defined in 8 CCR 1532.1, shall be performed by a state-licensed contractor, using lead-trained workers with certification of training meeting the requirements of 8 CCR 1532.1. Abatement contractor's workforce shall be supervised by experienced persons trained, knowledgeable and qualified in the techniques of lead abatement, handling and disposal of lead-containing and/or lead-contaminated materials, and the subsequent cleaning of contaminated areas.

D. When exposure monitoring of a particular lead-related task indicates that the permissible exposure limit is or will be exceeded, the contractor shall use CDPH-certified lead workers to complete the task. Contractors performing work that disturbs any LCM must submit proof of negative exposure assessment (NEA) if personal protective equipment is not to be used.

E. For Cal/OSHA compliance purposes, all other painted, varnished, and glazed surfaces identified in the Hazardous Materials Survey Report (see Attachment A) as lead-containing surface coatings (LCSCs) require that contractors performing activities that will disturb these surfaces/materials comply with the requirements of 8 CCR 1532.1. These surfaces were identified in the above-referenced report to have detectable levels of lead, at concentrations less than 0.7 mg/cm2 lead (the LBP standard) by X-Ray fluorescence.

F. Where applicable: Contractor shall utilize employees with HAZWOPER training, as outlined in 29 CFR 1910.120 and 8 CCR 5192, when handling all “other” hazardous materials, fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, batteries, PCB fluids/transformers and the like. The contractor shall be responsible for removal and disposal of all the other Universal Waste hazardous materials as necessary for demolition including all fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, batteries, PCB fluids/transformers and the like that are require to be removed per Contract Document, Demolition Scope, Bid Documents, and otherwise specified documents. All Universal waste materials as outlined in 29 CFR 1910.120 and 8 CCR 5192, including but not limited to fluorescent light ballasts and fluorescent tubes, light bulbs, mercury switches, HVAC refrigerants, exit sign batteries, PCB fluids/transformers are assumed and shall be the responsibility of the contractor and abatement contractor to coordinate removal and disposal procedures.

G. The Contractor shall be responsible for all abatement, disturbance, spot removal or impact, removal and proper disposal of asbestos containing materials, demolition/removal or lead stabilization of lead containing materials, and removal and disposal of asbestos and lead containing Materials as determined necessary for demolition conformity with the Project Building Plans, Project Specifications & The Asbestos and Lead Materials Inspection Reports provided, including but not limited to those of Attachment A to this Section 02080, including equipment which is specified, shown or reasonably implied for the removal, transport. The removal scope include all Hazardous materials listed as, Asbestos Containing at any detectable level of asbestos, lead-based paint materials for removal, lead-bearing levels of any content for demolition purposes, and removal and proper disposal of universal waste materials in compliance with Federal, State, and local jurisdiction.

H. The Contractor shall be responsible for all excavation, abatement and removal of any and all underground cement pipe in the provided SCAQMD Procedure 5 plan draft. Contractor shall coordinate excavation procedures and responsibility with the general contractor in accordance to bidding documents and designated scope of work. Procedure 5 Plan must be submitted 14 calendar days prior to the commencement of work. P19152.A69 – Procedure 5 Draft Plan is provided as a separated document attachment B of Section 02080 of this document.

I. The Contractor shall be responsible for all lead paint surface preparation for repainting, including but not limited to paint film stabilization and/or chemical stripping, or abrasive paint film removal as needed to allow for complete smooth paint finish surfaces and new paint coating as per requirements of paint finish specifications. Where specifications do not indicate type of lead preparation procedures, the contractor shall assume work to include complete lead-paint removal from impacted substrate.

J. The Work includes the removal, transport, and disposal of the following contaminated materials.

1. All hazardous materials identified in the table in Article 1.2.G, above.
2. All materials used for work area preparation.
3. All discarded personnel protective equipment.
4. All other potentially contaminated materials.

K. Other items of work shall include:

As per agreement between Contractor and Owner

L. Replacement of removed materials:

1. As per agreement between Contractor and Owner. Where replacement applies, replacement materials shall be free of asbestos, lead, or any other material deemed hazardous by the State of California.

M. Furnishings, cabinets, moveable objects, and equipment temporarily removed to gain access to hazardous materials shall be reinstalled to original location upon completion of work, unless other arrangements and approval have been provided by the Owner.

N. Damages caused during the performance of abatement activities shall be repaired by Contractor (e.g. paint peeled off by barrier tape, nail holes, water damage, etc.) at no additional expense to Owner, unless other arrangements and approval have been provided by the Owner.

O. Listed quantities are for budgetary information and are not to be used for bidding purposes. The abatement contractor has the sole responsibility for confirming the location, quantity and degree of difficulty in removing the identified materials.

P. Contractor to review specifications and coordinate all demolition, disturbance, and/or spot abatement of asbestos and lead containing items as necessary to complete demolition activities, including removal and disposal of miscellaneous hazardous materials according to all federal, state, and local regulations.

Q. Contractor is responsible for all removal/demolition, of all items (such as cabinets, casework, and carpeting, etc.) fastened or attached to floors, which will be impacted by abatement activities and/or as needed to access materials for abatement demolition.

R. If mechanical methods are utilized on non-friable materials, than a full containment (walls & ceilings) and negative pressure must be in place following Class I abatement methods.

S. In compliance with SCAQMD rule 1403, where asbestos cement pipe debris and contamination is encountered, materials shall be handled as friable asbestos material.

T. Contractor is responsible for characterization of lead waste prior to waste being transported off site. All waste characterization samples must be taken under the supervision of the onsite consultant. Characterization sample results must be submitted to the District for review prior to waste being transported off site.

1.3 WORK TO BE PERFORMED BY OTHERS

A. As per Project Specifications.

1.4 RESPONSIBILITIES OF OWNER

A. The Owner will provide daily oversight of and environmental monitoring surrounding the abatement/removal operations.

B. The Owner will provide existing water, at no cost to the Contractor, for construction purposes.

C. The Owner will provide existing electrical power, at no cost to the Contractor, for construction purposes.

D. The abatement contractor shall coordinate with the Owner and/or school representatives for the location of equipment storage, staging and waste storage locations.

1.5 REQUIRED LICENSURE

A. Contractor shall be licensed by the State of California, Contractors State License Board and be registered to perform asbestos related work with the Division of Occupational Safety and Health, Department of Industrial Relations. At a minimum contractor shall hold the following license classifications:

1. "B" License with ASB - Asbestos Certification and Haz-Mat Certification

B. Transportation of Friable and Non-Friable Asbestos Containing Materials: Contractor shall itself be or have a subcontractor who is a registered hazardous waste transporter with the State of California, Department of Toxic Substances Control.

C. Subcontractors shall hold all licenses applicable to specified trade work.

1.6 PERMITS

A. As required by Cal/OSHA.
B. As required by the South Coast-AQMD
C. As required by Local City Fire Department (where applicable).
D. As required by local agencies for specific tasks (i.e., electrical permit for temporary power, etc.).

1.7 NOTIFICATIONS

A. Contractor shall make all required written notifications to regulatory agencies including the following:

1. California Division of Occupational Safety and Health (Cal/OSHA)
2. South Coast-AQMD (work involving 100 sq ft of more).
3. Department of Public Health Services (Cal/DPHS)

1.8 INSURANCE REQUIREMENTS

A. As per Project Specifications.

1.9 BONDING REQUIREMENTS

A. Please refer to Anaheim Union High School District General Conditions and Requirements from Purchasing.

1.10 PROJECT SCHEDULE

A. Project Start Date: TBD Project Completion Date: TBD

B. All work shall be performed as per agreement between Contractor and Owner. The preference for work in occupied buildings shall be after school hours and/or weekend unless otherwise specified in contract documents.

C. For the purposes of this Work Plan "submittal due date" shall mean the day on which submittals required by Article 1.12 shall be received by the Construction Manager, "start work" shall mean the day Contractor arrives on the project site, and "completion date" shall mean the day Contractor leaves the project site including final clearance testing and demobilization.

D. Contractor to indicate the number and duration of shifts required to perform abatement monitoring as part of the bid document. Costs associated with hazardous materials abatement monitoring, beyond those pertaining to the project duration indicated in the Contractor's Bid, shall be deducted from Contractor's Contract Amount.

1.11 APPLICABLE REGULATIONS

A. Contractor shall perform all Work in compliance with the most recent edition of all applicable federal, state, and local regulations, standards and codes governing asbestos abatement, transport, and disposal of asbestos containing/contaminated materials, lead-based/containing surface coatings and contaminated materials, and all other hazardous materials.

1. Requirements include obtaining permits, licenses, inspections, releases and similar documentation, as well as payments, statements and similar requirements associated with codes, regulations, and standards.

B. Regulations, Standards, and Codes (General):

1. General applicability of federal, state, and local regulations, standards and codes governing hazardous materials abatement, demolition, transport, and disposal, except to the extent that more explicit or more stringent requirements are written directly into the contract documents, all applicable regulations, standards, and codes have the same force and effect and are made a part of the contract documents as if copied directly into the contract documents, or as if published copies are bound herewith.

C. Contractor Responsibility: The Contractor shall assume full responsibility and liability for the compliance with all applicable federal, state, and local regulations pertaining to work practices, transport, disposal, and protection of workers, visitors to the site, and persons occupying areas adjacent to the site.

1. The contractor is responsible for providing training, medical examinations and maintaining training/medical records of personnel as required by the applicable federal, state, and local regulations, including personal air monitoring for all work practices.

2. The Contractor shall hold the Owner and ENCORP harmless for failure to comply with any applicable hazardous materials abatement, transport, disposal, safety, health or other regulation on the part of himself, his employees, or his subcontractors.

1.12 SUBMITTALS

A. No later than five days prior to commencement of work, Contractor shall submit (six copies) to ENCORP, the District Environmental Consultant, documentation that includes, without limitation, the following:

1. Current Copies of licenses and registrations required by Article 1.5 Required Licensure (include copies of subcontractor's licenses).

2. Copies of written notification to the following regulatory agencies:

a. California Division of Occupational Safety and Health (Cal/OSHA)

b. South Coast Air Quality Management District (SCAQMD)
c. Department of Health Services (CA/CDPH)

3. Current Proof of insurance coverage required by Article 1.8 Insurance Requirements (include proof of insurance for subcontractors).

4. Current Proof that required permits, site location and arrangements for transport and disposal of asbestos containing waste materials have been made.

5. Current Proof of legal right to use patented equipment or processes.

6. Current Manufacturer's certification that HEPA vacuums, differential pressure air filtration devices and other local exhaust ventilation equipment conform to ANSI Z9.2-79 and have been permitted by the SCAQMD.

7. Current Documentation showing that Contractor's employees, including foreman, supervisor, and any other company personnel or agents who may be exposed to airborne asbestos fibers or who may be responsible for any aspects of asbestos abatement activities, have received training as required by 29 CFR 1926.1101 and 8 CCR 1529.

8. Current Documentation showing that Contractor's employees, including foreman, supervisor, and any other company personnel or agents who may be exposed to airborne lead dust or who may be responsible for any aspects of lead abatement activities, have received training as required by 29 CFR 1926.62 and 8 CCR 1532.1.

9. Current Documentation from Physician (signed by an M.D.) showing that all employees or agents who may be exposed to airborne asbestos fibers in excess of background levels have received medical monitoring to determine whether they are physically capable of working while wearing the respirator required without suffering adverse health effects. The Contractor must be aware of and provide information to the examining physician about unusual conditions in the workplace environment (e.g. high temperatures, humidity, chemical contaminants) that may impact on the employee's ability to perform work activities.

10. Current Documentation of respirator fit-testing for all Contractor employees and agents who must enter the work area. This fit-testing shall be conducted annually and in accordance with procedures as required by 29 CFR 1910.134 and 8 CCR 5144.

11. An emergency preparedness plan as required by Article 1.15 - Emergency Planning.

12. Master schedule, showing phasing, number of shifts, time for air clearances, tear down and manpower loading to be utilized for the duration of the project.

13. A site specific work plan based on scope of work. Include a diagram showing containment set-up, decontamination unit(s), location of negative air machine and exhaust placement.

B. Following abatement activities and completion, Contractor shall submit to ENCORP documentation that includes, without limitation, the following (within 15 calendar days):

1. Copies of the work area entry/exit log book. Log book must record name, affiliation, time in, and time out for each entry into the work area.

2. Copies of logs documenting filter changes on respirators, HEPA vacuums, differential pressure air filtration devices, water filtration device, and other engineering controls.

3. Copies of Material Safety Data Sheets (MSDS) for solvents, encapsulants, wetting agents, replacement materials, and other substances brought by Contractor to the Project Site. MSDSs shall be available the first day that subject materials/substances are present on the project site.

4. Results of all required OSHA compliance air monitoring. Results shall be available prior to the start of the following shift and within 24 hours of completion of the last shift.

5. Copies of all accident/incident reports where injury or damage has occurred on or to the Owner's property.

6. Copies of daily logs indicating location(s) worked, type of materials removed, quantity of materials removed and number of personnel conducting the aforementioned activities.

7. Copies of all transport manifests, trip tickets and disposal receipts for all asbestos waste materials removed from the work area within 48 hours of the transport, to:

   A. ENCORP
   16700 Valley View Ave, Suite 100
   La Mirada, California 90638
   Attn: Alexander Blankevoort

8. Abatement contractor is responsible for profiling all waste streams at the start of the project. Results must be submitted to the ENCORP for verification of proper disposal.

1.13 NOTICES

A. Post in the clean room area of the worker decontamination enclosure a list containing the names, and telephone numbers of Owner, Construction Manager, Abatement Contractor, and ENCORP.

B. Post in the clean room area of the worker decontamination enclosure a list of all persons authorized to enter the work area.

C. Additional postings shall include:

1. Visitor Entry and Exit Log.
2. Employee Daily Sign in Log.
3. Entry and Exit Procedures.
4. Emergency Procedures.
5. Copies of permits required in Article 1.6 of this document and copies of notifications required in Article 1.7 of this document.
6. As required by the Department of Labor.

1.14 SITE USE AND SECURITY

A. Confine operations at the site to the areas permitted under the Contract. Portions of the site beyond which areas on which work is indicated are not to be disturbed.

B. The work area shall be restricted only to authorized, trained and protected personnel, including Contractor, Contractor's employees, Owner employees, Owner, Construction Manager, ENCORP, State and Local Inspectors.

C. Entry into the work area by unauthorized individuals shall be reported immediately to the ENCORP.

D. Contractor shall be responsible for Project site security during abatement operations in order to protect work efforts and equipment.

1.15 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed by Contractor prior to abatement initiation.

B. Emergency procedures shall be in written form and prominently posted. Contractor shall ensure that all persons entering the work area read these procedures and understand the Project site layout, location of emergency exits and emergency procedures.

C. Emergency planning shall include considerations of fire, explosion, electrical hazards, slips, trips and falls, confined spaces, school emergencies and heat related injury. Written procedures shall be developed and employee training in procedures shall be provided by Contractor.

D. Employees shall be trained in evacuation procedures in the event of work place emergencies.

1. For non-life-threatening situations, employees injured or otherwise incapacitated shall decontaminate following normal procedures with assistance from fellow workers, if necessary, before exiting the work place to obtain proper medical treatment.

2. For life-threatening injury or illness, worker decontamination shall take least priority. After measures to stabilize the injured worker, remove him from the work place and secure proper medical treatment.

3. Telephone numbers of all emergency response personnel and map to closest hospital shall be prominently posted in the clean and equipment rooms.

1.16 FIRE PROTECTION

A. All plastic, spray-on strippable coatings, and structural materials used in the asbestos abatement process shall be UL-approved and certified as fire retardant or noncombustible.

B. Wood shall be pressure impregnable and certified as fire retardant.

C. Material Safety Data Sheets (MSDS) for fire retardant materials shall be made available upon request.

D. All combustible rubbish and debris, including properly bagged asbestos shall be properly disposed of at the end of each working day.

E. A minimum of one (1) 4A/60BC dry-chemical extinguisher shall be maintained at each of the following locations:

1. At each corner of the work area. Where no clear corners exist, four (4) extinguishers shall be placed around the exterior wall of the work area so that they are approximately 25 percent of the total distance apart.

a. Exception: Where total contained work area is less than 1,000 square feet, two (2) 4A/60BC extinguishers shall be provided. All extinguishers shall be clearly identified with red tape.

2. Contractor shall ensure that on site personnel are aware of the location and proper use of all extinguishers and other fire/life safety equipment.

F. All existing fire detection, alarm systems, connections and standpipes shall remain in place, active and unobstructed. Any alteration to this equipment must be approved by ENCORP.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Generally, Contractor shall carefully adhere to the following:

1. All plastic, spray-on strippable coatings and structural materials used shall be UL-certified as fire retardant or non-combustible.

2. Deliver all materials in the original packages, containers, or bundles bearing the name of the manufacturer and brand name (where applicable).

3. Fire-retardant polyethylene sheeting utilized for worker decontamination and construction/containment barriers shall be a minimum of six-mil in thickness.

4. Disposal bags shall be of six-mil polyethylene, pre-printed with labels as required by EPA regulation 40 CFR 61.152 (b) (I) (iv) or applicable Cal/OSHA requirements.

5. Stick-on labels as per EPA or Cal/OSHA requirements for disposal drums.

6. Warning signs as required by Cal/OSHA shall be utilized.

7. Disposal drums shall be 55-gallon DOT A1A (DOT 17H) with locking ring tops and will meet the requirements of 49 CFR 172-178.

B. Removal and Encapsulation:

1. Surfactant (wetting agent) shall be a 50/50 mixture of polyoxyethylene ether and polyoxyethylene ester, or equivalent, mixed in proportion of 1 fluid once to 5 gallons.

2. The encapsulating agent to be applied shall adhere to the substrate surfaces from which asbestos-containing material has been stripped.

3. The encapsulating agent shall not be flammable and should not be solvent-based or utilize a vehicle (the liquid in which the solid parts of the encapsulant are suspended) consisting of hydrocarbon.

4. If utilized, mastic removal solvents shall ***NOT*** be or create a RCRA waste, and shall be of the low odor variety.

C. Replacement:

1. Submit manufacturers certification indicating that replacement materials (if used) do not contain asbestos or more than 600 parts per million (dry weight) of lead.

2.2 EQUIPMENT

A. General:

1. A sufficient quantity of HEPA vacuums and/or differential pressure air filtration devices equipped with HEPA filtration and operated in accordance with ANSI Z9.2-79 (local exhaust ventilation requirements) and EPA guidance document EPA 560/5-83-002 Guidance for Controlling Friable Asbestos Containing Materials in Buildings. To calculate total air flow requirement:

$$\text{Total ft}^3\text{/min} = \frac{\text{Vol. of work area (in ft}^3\text{)}}{\text{15 min}}$$

To calculate the number of units needed for the abatement:

$$\text{Number of units needed} = \frac{\text{[total ft}^3\text{/min]}}{\text{[capacity of unit in ft}^3\text{/min]}}$$

2. At a minimum, full-face powered air-purifying respirators (PAPRs) with P-100 cartridges shall be utilized during all friable/Class I asbestos removal and for all removal of lead-containing paints/substances involving abrasive removal techniques.

3. At a minimum, half-face air-purifying respirators with P-100 cartridges shall be utilized during all ceramic tile or lead-containing paint removal/impact except abrasive removal, or for the removal of all non-friable/Class II asbestos removal.

4. Respirators shall be furnished to the abatement workers by Contractor. The respirators shall have been tested and approved by National Institute of Occupational Safety and Health (NIOSH) for use in asbestos atmospheres.

5. Full body disposable protective clothing, including head, body, and foot coverings shall be furnished to visitors in sizes adequate to accommodate movement without tearing.

6. Additional safety equipment as supplied in accordance with 8 CCR 1514, (e.g. hard hats meeting the requirements of 8 CCR 1515, eye protection meeting the requirements of 8 CCR 1516, safety shoes meeting the requirements of 8 CCR 1517, hand protection meeting the requirements of 8 CCR 1520, hearing protection meeting the requirements of 8 CCR 1521 and body protection meeting the requirements of 8 CCR 1522), as necessary, shall be furnished to all workers and authorized visitors.

7. Non-skid foot wear shall be furnished to all abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

8. Furnish a sufficient supply of disposable mops, rags, and sponges for work area decontamination.

B. Removal:

1. A sufficient supply of scaffolds, ladders, lifts and hand tools (e.g., scrapers, wire cutters, brushes, utility knives, wire saws, etc.) shall be furnished as needed.

2. Rubber dustpans and rubber squeegees shall be furnished for cleanup.

3. Brushes utilized for removing loose asbestos-containing material shall have nylon or fiber bristles, not metal.

4. A sufficient supply of HEPA filtered vacuum systems shall be furnished during cleanup.

C. Encapsulation: Encapsulants shall be sprayed using airless spray equipment or hand pressurized sprayer.

D. Enclosure: Hand tools equipped with HEPA filtered local exhaust ventilation shall be utilized during the installation of enclosures and supports if there is any need to disturb asbestos containing materials during this process. As an alternative asbestos material may be partially removed following controlled removal procedures approved by the ENCORP.

PART 3 - EXECUTION

3.1 CLASS I ASBESTOS REMOVAL WORK

The following procedures shall be utilized for all removal of friable and/or Class I ACM, and from non-friable ACM utilizing mechanical removal methods from all impacted buildings.

A. Contractor shall coordinate all items of work with the ENCORP.

B. Contractor shall shut down and lock out all heating, cooling, and air conditioning system (HVAC) components that are in supply or pass through the work area. In the event that there is any impact to the HVAC system (such as an air intake), the HVAC system shall remain off during the project.

C. Contractor shall shut down and lock out electric power to all Work Areas. Contractor shall provide temporary power and lighting sources, insure safe installation of temporary power sources and equipment by compliance with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. Protect each circuit with a Ground Fault Circuit Interrupter (GFCI) of proper size located in the temporary panel.

D. Install worker decontamination unit described in Article 3.7 or as agreed upon with ENCORP.

E. Post warning signs meeting the specifications of 8 CCR 1529, 8 CCR 5208, and 29 CFR 1926.1101, at any location and approaches to a location where airborne concentration of asbestos fibers may exceed ambient background levels. Signs shall be posted at a distance sufficiently far enough away from a work area to permit a person to read the sign and take necessary protective measures to avoid exposure.

F. Asbestos Handlers shall don personnel protective equipment as required in Article 2.2 - Equipment.

G. Pre-clean all vertical and horizontal surfaces within the work area using a HEPA-filtered vacuum and/or wet cleaning techniques, as appropriate. Contractor shall not use any methods that would raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters, and shall not disturb asbestos-containing materials during the pre-cleaning phase.

H. Seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights and any other openings between the Work Area and uncontaminated areas outside of the Work Area with two layers six-mil fire retardant polyethylene sheeting and tape.

I. Cover floors in the area, as follows (cover floors where flooring finishes, such as floor tile and/or mastic, are to be removed, during Class I activities).

1. Two layers of six-mil (minimum) sheeting. Additional layers of sheeting may be utilized as a drop cloth to aid in cleanup of bulk materials, and/or to ensure protection from water leaks.

2. Containment plastic shall be sized to minimize seams. If the floor area necessitates seams, those on successive layers of sheeting shall be staggered to reduce the potential for water to penetrate to the flooring material. A distance of at least 6 feet between seams is sufficient. Do not locate any seams at wall/floor joints.

3. Floor sheeting shall extend at least 12" up the side walls of the Work Area.

4. Sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material.

J. Cover all immovable items (plumbing, etc.) and/or construct walls in the Work Area with fire retardant polyethylene sheeting and seal with duct tape. Walls that will be demolished do not necessarily need protection (check with ENCORP). Walls shall be decontaminated using HEPA vacuums and wet cleaning techniques. Walls with mortar joints (e.g., tile) are considered porous. Openings through these walls, including louvers in Mechanical Rooms, must be sealed by critical barriers.

1. Walls shall be covered with two layers six-mil fire-retardant polyethylene sheeting (sealed airtight with duct tape).

2. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet.

3. Wall sheeting shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a better seal against water damage and for negative pressure.

4. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This will require additional support/attachment when Negative Pressure Ventilation Systems area utilized.

5. Where necessary for structural support, plywood sheeting and/or 2x4 lumber shall be utilized to ensure the structural integrity of the containment and critical barriers.

6. Fire exits shall be clearly labeled as required by Regulations.

K. Install the minimum number of 2' x 3' clear view windows that will provide visual access to ALL areas of each enclosure.

L. Install and initiate operation of negative pressure air filtration differential as required in Article 2.2 - Equipment. Negative pressure differential shall be at a minimum of -0.02" of water column at all times during asbestos removal operations.

M. Install and maintain a manometer equipped with a strip chart recorder. Manometer shall be capable of detecting at least 0.02" of water column.

N. The Contractor shall carry out all asbestos removal activities in a manner that will minimize pulverizing, breaking or creation of dust. Generally, manual removal methods will be preferred, although larger systems, such as power washers, are acceptable, as long as they are equipped with proper HEPA-filtration equipment and do not create an undue hazard.

O. Keep the ACMs being removed wet throughout removal operations by the use of an airless sprayer. In the event that visible dust is generated during the abatement process, also mist the air within containment periodically with water or an amended water solution with an airless sprayer to reduce airborne asbestos fiber concentrations.

P. Once all removal activities have been completed, clean-up of the work areas shall be conducted in accordance with Article 3.6 - Clean-Up.

Q. Encapsulate entire work area with a penetrating and/or lock-down type encapsulant following acceptance of clean-up activities.

R. Dispose of all asbestos containing/contaminated waste in accordance with Article 3.8 - Disposal Procedures.

3.2 CLASS II ASBESTOS REMOVAL WORK - GENERAL

The following procedure shall be utilized for all removal of non-friable/Class II ACM from all impacted buildings. This type of work shall include, but not be limited to asbestos-containing mastics, vinyl flooring finishes, asbestos cement pipes and panels, and joint compound associated with wallboard systems. Class II removal of roofing products is addressed in Article 3.3, below.

A. Contractor shall coordinate all items of work with the ENCORP.

B. Contractor shall shut down and lock out all heating, cooling, and air conditioning system (HVAC) components that are in supply or pass through the work area. In the event that there is any impact to the HVAC system (such as an air intake), the HVAC system shall remain off during the project.

C. Contractor shall shut down and lock out electric power to all Work Areas. Contractor shall provide temporary power and lighting sources, insure safe installation of temporary power sources and equipment by compliance with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. Protect each circuit with a Ground Fault Circuit Interrupter (GFCI) of proper size located in the temporary panel.

D. Install worker decontamination unit described in Article 3.7 or as agreed upon with ENCORP.

E. Post warning signs meeting the specifications of 8 CCR 1529, 8 CCR 5208, and 29 CFR 1926.1101, at any location and approaches to a location where airborne concentration of asbestos fibers may exceed ambient background levels. Signs shall be posted at a distance sufficiently far enough away from a work area to permit a person to read the sign and take necessary protective measures to avoid exposure.

F. Asbestos Handlers shall don personnel protective equipment as required in Article 2.2 - Equipment.

G. Pre-clean all vertical and horizontal surfaces within the work area using a HEPA-filtered vacuum and/or wet cleaning techniques, as appropriate. Contractor shall not use any methods that would raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters, and shall not disturb asbestos-containing materials during the pre-cleaning phase.

H. Seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights and any other openings between the Work Area and uncontaminated areas outside of the Work Area with two layers six-mil fire retardant polyethylene sheeting and tape.

I. Cover floors in the area of vapor barrier removal with fire retardant polyethylene sheeting (do not cover floors where flooring finishes, such as floor tile and/or mastic, are to be removed).

1. A single layer of six-mil (minimum) sheeting. Additional layers of sheeting shall be utilized as a drop cloth to aid in cleanup of bulk materials.

2. Containment plastic shall be sized to minimize seams. If the floor area necessitates seams, those on successive layers of sheeting shall be staggered to reduce the potential for water to penetrate to the flooring material. A distance of at least 6 feet between seams is sufficient. Do not locate any seams at wall/floor joints.

3. Floor sheeting shall extend at least 12" up the side walls of the Work Area.

4. Sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material.

J. Cover all immovable items (plumbing, etc.) and/or construct walls in the Work Area with fire retardant polyethylene sheeting. Walls that will be demolished do not necessarily need protection (check with ENCORP). Walls shall be decontaminated using HEPA vacuums and wet cleaning techniques. Walls with mortar joints (e.g., tile) are considered porous. Openings through these walls must be sealed by critical barriers.

1. Walls shall be covered with two layers six-mil fire-retardant polyethylene sheeting (sealed airtight with duct tape).

2. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet.

3. Wall sheeting shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a better seal against water damage and for negative pressure.

4. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This will require additional support/attachment when Negative Pressure Ventilation Systems area utilized.

5. Fire exits shall be clearly labeled as required by Regulations.

K. Install the minimum number of 2' x 3' clear view windows that will provide visual access to ALL areas of the enclosure.

L. Install and initiate operation of negative pressure air filtration differential as required in Article 2.2 - Equipment. Negative pressure differential shall be at a minimum of -0.02" of water column at all times during asbestos removal operations.

M. Install and maintain a manometer equipped with a strip chart recorder. Manometer shall be capable of detecting at least 0.02" of water column.

N. The Contractor shall carry out all asbestos removal activities in a manner that will minimize pulverizing, breaking or creation of dust. Generally, manual removal methods will be preferred, although larger systems, such as bead-blasters for mastic removal activities, are acceptable, as long as they are equipped with proper HEPA-filtration equipment.

O. Keep the ACMs being removed wet throughout removal operations. In the event that visible dust is generated during the abatement process, also mist the air within containment periodically to reduce airborne asbestos fiber concentrations.

P. Once all removal activities have been completed, clean-up of the work areas shall be conducted in accordance with Article 3.6 - Clean-Up.

Q. Encapsulate entire work area with a penetrating and/or lock-down type encapsulant following acceptance of clean-up activities.

R. Dispose of all asbestos containing/contaminated waste; debris shall be kept wet at all times and be bagged while wet in accordance with Article 3.8 - Disposal Procedures.

3.3 PROCEDURE 5 PLAN WORK - GENERAL

The following procedure shall be utilized for the removal and/or clean procedures required under the procedure 5 plan. Please note the Procedure 5 plan is a separate document.

A. Contractor shall coordinate all items of work with the ENCORP.

B. The Contractor shall submit the provided Procedure 5 Plan, contamination report, and associated documents to the South Coast Air Quality Management District at least 14 Calendar days prior to the commencement of work.

C. Procedure 5 Plan work shall be strictly adhere to in conjunction with the provided specifications, demolition, and District provided contract documents.

D. Contractor shall shut down and lock out all heating, cooling, and air conditioning system (HVAC) components that are in supply or pass through the work area. In the event that there is any impact to the HVAC system (such as a fresh air intake), the HVAC system shall remain off during the project.

E. Contractor shall shut down and lock out electric power to all Work Areas. Contractor shall provide temporary power and lighting sources, ensure safe installation of temporary power sources and equipment by compliance with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. Protect each circuit with a Ground Fault Circuit Interrupter (GFCI) of proper size located in the temporary panel.

F. Install worker decontamination unit described in Article 3.7 or as agreed upon with ENCORP. If installation cannot occur on the roof, installation shall occur as close to the roof access as possible, with polyethylene sheeting laid-down between the decontamination unit and the roof access.

G. Post warning signs meeting the specifications of 8 CCR 1529, 8 CCR 5208, and 29 CFR 1926.1101, at any location and approaches to a location where airborne concentration of asbestos fibers may exceed ambient background levels. Signs shall be posted at a distance sufficiently far enough away from a work area to permit a person to read the sign and take necessary protective measures to avoid exposure (generally, at roof accesses, or at least twenty feet from removal, if on roof).

H. Asbestos Handlers shall don personnel protective equipment as required in Article 2.2.A. Double-suiting is recommended if decontamination unit is not on roof.

I. Pre-clean all vertical and horizontal surfaces within the work area using a HEPA-filtered vacuum and/or wet cleaning techniques, as appropriate. Generally, this will include roof-mounted duct work and equipment only; there is no need to pre-clean surfaces to be removed. Contractor shall not use methods that would raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters, and shall not disturb asbestos-containing materials during the pre-cleaning phase.

J. Seal off all windows, doorways, drains, ducts, skylights, roof penetrations, and any other openings between the Work Area and uncontaminated areas outside of the Work Area with six-mil fire retardant polyethylene sheeting and tape.

K. Cover all immovable items (plumbing, etc.) and/or construct walls around immovable objects with fire-retardant polyethylene sheeting. Walls, where present, shall be decontaminated using HEPA vacuums and wet cleaning techniques. Walls with mortar joints (e.g., tile) are considered porous. Openings through these walls must be sealed by critical barriers.

1. Walls shall be covered with six-mil fire-retardant polyethylene sheeting (sealed airtight with duct tape).

2. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet.

3. Wall sheeting shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a better seal against water damage and for negative pressure.

4. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This will require additional support/attachment when Negative Pressure Ventilation Systems area utilized.

5. Fire exits shall be clearly labeled as required by Regulations.

L. The Contractor shall carry out all asbestos removal activities in a manner that will minimize pulverizing, breaking or creation of dust. Generally, manual removal methods will be preferred, although larger systems, such as mechanical shears for cutting membranes into strips, are acceptable, as long as they are equipped with proper shrouding and HEPA-filtration equipment.

M. Keep the ACMs being removed wet throughout removal operations. In the event that visible dust is generated during the abatement process, also mist the air within regulated area periodically to reduce airborne asbestos fiber concentrations.

1. Bags of asbestos waste shall not be dropped or thrown from the roof, but carefully lowered to the ground.

N. Once all removal activities have been completed, clean-up of the work areas shall be conducted in accordance with Article 3.6 - Clean-Up.

O. Encapsulate entire work area with a penetrating and/or lock-down type encapsulant following acceptance of clean-up activities.

P. Dispose of all asbestos containing/contaminated waste in accordance with Article 3.8 - Disposal Procedures.

3.3.1 Class III Asbestos Disturbance

Asbestos-related disturbance is the drilling, coring, removal or similar disturbance of asbestos-containing construction materials (ACCM) or asbestos-containing materials (ACM) not to exceed three (3) square feet in any one opening and not to disturb 100 square feet or greater cumulatively on any one project (contract). Asbestos-related disturbance work is considered to be Class III work in accordance with Title 8, Section 1529 (Asbestos) of the California Code of Regulations. In the event that disturbance greater than 3 square feet or 100 square feet total is required, the asbestos-related work shall be considered Class I or Class II asbestos abatement and require the use of an asbestos abatement contractor using 40-hour asbestos-trained workers and notification to the South Coast Air Quality Management District (SCAQMD) per Rule 1403, as required, (See Sections 3.1, 3.2, and 3.3 of this specification).

A. Minor disturbance activities must be performed, at a minimum, by personnel possessing current 16-hour asbestos operations and maintenance (O & M) training. ACM waste must be disposed of as hazardous asbestos-containing waste. ACCM waste generated during minor disturbances can be disposed of as non-regulated construction waste.

B. The following buildings will have ACM or ACCM impacted by drilling and coring during the planned Modernization Project. : As specified in inspection report and impacted based on construction plans, demolition, and new project installations.

C. Shut off air handling equipment to rooms where work will occur.

D. Demarcate the work area with plastic “Caution” tape. Provide and post signs at the entrance to the work area affected. The signs shall comply with Cal/OSHA regulations.

E. Clean the area immediately under the location to be disturbed.

F. Move any moveable furniture or objects from immediately beneath the area to be disturbed.

G. At a minimum, 6-mil plastic sheeting shall be placed on the floor below the work area. The plastic sheeting will be secured to the closest wall and floor surface with tape. The plastic sheeting shall extend away from the work area a sufficient distance so that debris is confined to the plastic and that debris is not tracked onto adjoining flooring or carpeted surfaces.

H. For Class III disturbances requiring the cutting of an opening of 1 square foot or greater, but less than 3 square feet, through ACM or ACCM, or into an asbestos-contaminated space, provide an enclosure around the area of disturbance. This may include, but is not limited to:

   1. Mini-enclosure where not more than two persons may occupy for the purpose cutting holes in walls or ceilings.

   2. For drilling, coring, sawing or similar disturbance, an enclosure shall be placed over the area of disturbance of sufficient size to cover that area and contain the tools used. This can include drilling with a shroud, through a wet sponge, through a plastic enclosure, or similar designs which will ensure control of Asbestos fibers and other dust. Drilling or coring with the use of a vacuum collection device shall be equipped with a HEPA filter.

I. A HEPA-equipped vacuum shall be used for all disturbance, decontamination, and debris clean-up work.

3.4 LBP/LCP IMPACTS – REMOVAL/DEMOLITION

This section applies to the removal of lead-based paints and/or the demolition of components coated with lead-based or lead-containing surface coatings, including lead-based paints, ceramic tiles with leaded glazing, and other such materials.

A. Post warning signs meeting the specifications of 8 CCR 1532.1 and 29 CFR 1926.62 at any location and approaches to a location where airborne concentrations of lead dust may exceed ambient background levels. Signs shall be posted at a distance sufficiently far enough away from a work area to permit a person to read the sign and take necessary protective measures to avoid exposure. Barrier tape shall be utilized in conjunction with signs for exterior removal activities, to delineate the extent of regulated work areas.

B. Prepare appropriate fall protection systems in accordance with the requirements of Title 8 California Code of Regulations, Sections 1669, 1670, 1724 and anchoring guidance from Title 8 California Code of Regulations, Section 3283 (where applicable).

C. Install worker decontamination unit described in Article 3.7 or as agreed upon with ENCORP.

D. Lead-containing materials (LCM) handlers involved in removal procedures shall wear disposable Tyvek suits, including gloves, hood and footwear. Minimum respiratory protective equipment shall be half-face air-purifying respirators equipped with P100 filters. Upon exiting the work area the handlers shall HEPA vacuum all visible debris from the outer suit, dispose of it as lead-contaminated waste, and proceed through the decontamination unit for full decontamination.

E. Isolate work area by installing critical barriers or curtained doorways across all openings where airborne lead dust migration may cause secondary lead contamination (for work where components will be removed relatively intact, such as doors, downspouts, and wood trim, drop cloths will suffice).

F. Cover floors in each work with fire retardant polyethylene sheeting (do not cover floors where flooring finishes, such as ceramic flooring, for example, are to be removed).

1. A single layer of six-mil (minimum) sheeting.

2. Containment plastic shall be sized to minimize seams.

3. Where multiple layers of floor poly are utilized, sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material.

G. Cover all immovable items and/or construct walls in the Work Area with fire retardant polyethylene sheeting. Walls that will be demolished do not necessarily need protection (check with ENCORP).

1. Walls shall be covered with six-mil fire-retardant polyethylene sheeting (sealed airtight with duct tape).

2. Plastic shall be sized to minimize seams.

3. Wall sheeting shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a better seal for negative pressure. 2 layers of poly are to be used on floor surfaces where chemical strippers are to be used on surfaces to prevent fallout and deterioration on floor surfaces.

4. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This may require additional support/attachment when Negative Pressure Ventilation Systems area utilized during abrasive surface removal techniques.

5. Fire exits shall be clearly labeled with red tape or equivalent.

H. Where manual demolition is employed for lead removal, such as ceramic tile demolition (for example), periodically mist the work area and materials to be impacted to maintain a wet condition and avoid the creation of airborne dust, which may carry lead.

I. The Contractor shall carry out all impacts to lead-based surface coatings in a manner that will minimize pulverizing, breaking, abrading, or in any other way impacting lead-containing paints and generating airborne lead-containing dust.

J. Once all removal activities have been completed, clean-up of the work areas shall be conducted in accordance with Article 3.6 - Clean-Up.

K. Dispose of all lead-containing/contaminated waste in accordance with Article 3.8 - Disposal Procedures.

3.5 UNIVERSAL WASTE RULE IMPACTS (REFRIGERANTS, PCBs, Etc.)

This section applies to the removal of all Universal Waste Rule items, such as fluorescent light fixture ballasts, non-incandescent lamps (fluorescent light tubes), mercury switches, as well as other commonly encountered items, such as refrigerants.

A. All fluorescent light fixtures to be disposed of shall be disassembled in a non-destructive manner. All fluorescent light tubes shall be removed intact, packaged, and disposed of in accordance with Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

B. Once fluorescent light tubes have been removed from light fixtures to be disposed of, ballasts shall be visually inspected. All ballasts which are not clearly marked “No PCBs” or “PCB Free” shall be assumed to contain PCBs, and shall be removed intact, packaged, and disposed of in accordance with Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code. Any ballast which are observed to be leaking shall be containerized, and shall be disposed via incineration as per 40 CFR 761. All other ballasts may be incinerated or recycled, in accordance with 40 CFR 761. In spite of the small capacitor variance, land disposal of PCB-containing ballasts shall not be considered an acceptable disposal method, under any circumstances.

C. Mercury switches identified in thermostat controls and/or any other electrical switching equipment to be demolished shall be removed intact, packaged, and disposed of in accordance with Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

D. All identified refrigerants shall be collected and disposed of in accordance with all applicable SCAQMD and federal EPA guidelines.

E. All other Universal Waste Rule wastes shall be removed intact, where feasible, and shall be packaged and disposed of in accordance with Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

3.6 CLEAN-UP PROCEDURES

A. Remove and containerize all visible accumulations of asbestos-containing material, LCM, and asbestos/lead-contaminated debris utilizing rubber dust pans and rubber squeegees to move material around. Do not use metal shovels to pick up or move accumulated waste within contained work areas.
Asbestos-containing/contaminated waste shall be placed in leak tight disposal bags. Disposal bags shall be doubled six-mil polyethylene, pre-printed with labels as required by EPA regulation 40 CFR 61.152 (b) (I) (iv), Cal/OSHA (Title 8 CCR Sections 1529 and 5208), SCAQMD Rule 1403, and if applicable Title 22 CCR Section 66504.

Lead-containing wastes shall be containerized in 55-gallon steel drums with labels as required by 8 CCR 1532.1 and 22 CCR 66504.

All other hazardous wastes shall be containerized as appropriate and disposed of in a manner that satisfies the requirements for waste characterization and disposal in accordance with the requirements of Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

B. Whether cleaning an asbestos work area or a lead work area (or both), wet clean all surfaces in the work area utilizing rags, mops and sponges, and clean all horizontal surfaces within each work area with a HEPA-vacuum, as appropriate.

C. Remove the cleaned layer of polyethylene sheeting from floors and walls, as applicable. Windows, doors, HVAC system vents and all other openings (critical barriers, if employed) shall remain sealed. Dispose of as asbestos-contaminated or lead-contaminated as appropriate to the work area in question.

D. After gross cleaning of the work area, HEPA-vacuum and wet clean all objects and surfaces in the work area are completed, remove all containerized waste from the work area.

E. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.

F. ENCORP will inspect the work area for visible residue. If any accumulation of residue is observed, it will be assumed to be asbestos and/or lead, as appropriate to the work area, and a second settling period and cleaning cycle repeated at no additional cost to Owner.

G. Following the satisfactory completion of clearance air monitoring or clearance wipe testing, the remaining barriers may be removed and prepared for proper disposal. A final visual inspection by ENCORP will be performed. Unsatisfactory conditions may require additional cleaning and air monitoring/wipe sampling, at no additional cost to Owner.

3.7 WORKER DECONTAMINATION SYSTEMS

A. Worker decontamination enclosure systems shall be provided at all locations where workers will enter or exit the work area. At a minimum, one three-stage system at a single location is required. Each work area where negative pressure enclosure is the selected method of engineering controls shall have a worker decontamination unit.

B. Worker decontamination enclosure systems constructed at the Project site shall utilize six-mil, fire-retardant polyethylene sheeting, or other approved materials for privacy.

C. Personnel Decontamination Units shall not be located inside the work area(s) unless specifically authorized by the ENCORP.

D. Alternate methods of providing Decontamination facilities may be submitted to the ENCORP for approval. Do not proceed with any such method(s) without the written authorization.

E. The worker decontamination enclosure system shall consist of at least a cleansing station in accordance with the requirements of 8 CCR 1527 and 8 CCR 1529, equipped with adequate water, towels and cleansing agents to accommodate the entire crew and visitors.

3.8 DISPOSAL PROCEDURES

A. All friable asbestos waste shall be disposed of as Hazardous, Friable Asbestos Waste. All non-friable asbestos waste shall be disposed of as Non-Hazardous, Non-Friable Asbestos Waste.

Contractor is responsible for characterization of lead waste prior to waste being transported off site. All waste characterization samples must be taken under the supervision of the ENCORP. Characterization sample results must be submitted to the District for review prior to waste being transported off site.

All lead waste shall be either disposed of as construction debris (if STLC/TCLP results allow) or lead-containing waste (with attendant RCRA codes, if STLC/TCLP results so require).

All asbestos-containing waste shall be placed and stored in clear, sealed, leak-tight and appropriately labeled containers, in accordance with 8 CCR 1529 and SCAQMD Rule 1403, and transported to an appropriate landfill for disposal.

B. All lead wastes shall be either disposed of as construction debris (if STLC/TCLP results allow) or lead-containing waste (with attendant RCRA codes, if STLC/TCLP results so require).

C. All hazardous wastes (including non-hazardous asbestos wastes) must be disposed of by a certified waste hauler approved by the Owner.

D. Arrange for proper disposal of any generated hazardous waste stream through an Owner-approved waste disposal facility.

E. Obtain the EPA Hazardous Waste Generator Identification Number and State of California Hazardous Waste Tax Identification Number from the Owner.

F. All hazardous waste manifests or non-hazardous material data forms shall be delivered to the ENCORP. Record keeping format shall utilize a chain of custody form which includes the names and addresses of the Generator (Owner), Contractor, Waste Hauler, pickup site, disposal site, the estimated quantity of the asbestos waste and the type of containers used. The form shall be signed by the Generator, Contractor, Waste Hauler and the Disposal Site Operator, as the responsibility for the material changes hands.

3.9 REESTABLISHMENT OF THE WORK AREAS

A. Reestablishment of the work area shall only occur following the completion of clean-up procedures and after clearance air monitoring has been performed and documented to the satisfaction of ENCORP.

B. Contractor and ENCORP shall visually inspect the work area for any remaining visible residue. Evidence of contamination will necessitate additional cleaning and air monitoring requirements at no additional cost to Owner, until approved by PEC.

C. Upon approval by ENCORP, the Contractor shall remove remaining fire retardant polyethylene sheeting, critical barriers, and decontamination unit.

D. Repair all areas of damage that occurred as a result of abatement activities at no additional cost to Owner, unless other arrangements and approval have been provided by the Owner.

3.10 ENVIRONMENTAL MONITORING

Stop work order due to deficiencies:

If, at any time, DISTRICT Representative or ENCORP decides work practices are violating Specifications, or, Federal or local regulations to extent of potential endangerment of building users, workers, DISTRICT Representative, employees or public, he will immediately notify Contractor (followed up in writing) that operations shall cease until corrective action is taken by Contractor. Contractor shall take such corrective action before proceeding with work. Loss or damage due to Stop Work Order(s) shall be Contractor's responsibility. A Stop Work Order, issued by DISTRICT's Representative or ENCORP shall become effective immediately.

A. Air monitoring will be carried out by the ENCORP on behalf of the Owner to verify that the building beyond the contamination area and the outside environment remains uncontaminated.

B. Background Air Monitoring:

1. The ENCORP will conduct pre-abatement air monitoring to determine ambient fiber levels prior to abatement. The analytical method shall utilize Phase Contrast Microscopy (PCM) using the NIOSH 7400 Method.

C. Area Air Monitoring: The ENCORP will conduct in-progress air monitoring daily to determine area airborne contaminant concentrations within the confines of the work area.

1. Environmental Air Sampling: Ambient air samples are taken and analyzed to indicate fiber migration from containment to the environment. Should any environmental sample outside work areas exceed the base line of 0.01 f/cc of air, or established background concentrations as determined by PCM analysis, all work will immediately halt except for corrective work. The PEC shall determine the source of the high fiber count and notify the contractor with directions for the corrective action.

D. Clearance Air/Wipe Monitoring:

1. Following the completion of final clean-up operations, notify the ENCORP that work areas are ready for final inspection and clearance air monitoring.

2. ENCORP will then sample the air in the work area for airborne fiber concentrations.

3. Phase Contrast Microscopy (PCM): In each homogeneous work area after completion of all cleaning work, a minimum number of samples will be collected and analyzed in accordance with the NIOSH 7400 Methodology as follows:

For work areas less than 160 square feet or 260 linear feet:

a. 5 interior aggressive air samples, 5 exterior air samples, 2 field blank samples and 1 lab blank sample for areas that had asbestos-containing materials removed.

b. Release Criteria: Decontamination of the work site is complete when each sample analyzed reveals airborne asbestos fiber concentrations are at or below 0.010 f/cc, or established background concentrations.

c. If these conditions are not met then the decontamination is incomplete and the cleaning procedures noted in Article 3.3 above shall be repeated. The area shall be re-tested at no additional cost to Owner until satisfactory levels are obtained.

4. Transmission Electron Microscopy (TEM): In each homogeneous work area after completion of all cleaning work, a minimum number of samples MAY be collected and analyzed by TEM in accordance with the requirements of 40 CFR Part 763, Subpart E (AHERA) as follows:

   For work areas equal to or greater than 160 square feet or 260 linear feet:

   a. 5 interior aggressive air samples, 5 exterior air samples, 2 field blank samples and 1 lab blank sample for areas that had asbestos-containing materials removed.

   b. Release Criteria: Decontamination of the work site is complete when the average of the interior samples reveals that airborne asbestos fiber concentrations are at or below 70 structures/mm^2, or established background concentrations.

   c. If these conditions are not met, decontamination shall be deemed incomplete, and the cleaning procedures noted in Article 3.3 above shall be repeated. The area shall be re-cleaned and re-tested at no additional cost to Owner until satisfactory levels are obtained.

5. For work associated with LCM, wipe sampling shall be performed within the controlled work areas following completion of all lead-related impact and decontamination efforts.

   a. Release Criteria: Decontamination of the work site is complete when each of at least two samples per work area are analyzed and reveal lead concentrations below those set forth by CA/CDPH in 17 CCR 35001, et. seq. Generally, this shall be 40 micrograms of lead per square foot of area on interior floors.

   b. If these conditions are not met then the decontamination is incomplete and the cleaning procedures noted in Article 3.3 above shall be repeated. The area shall be re-tested at no additional cost to Owner until satisfactory levels are obtained.

3.11 OSHA PERSONNEL AIR MONITORING:

A. Air monitoring required by OSHA is work of the contractor. The contractor is responsible for providing daily OSHA compliance monitoring as per 29 CFR 1926.1101, 8 CCR 1529 for asbestos and 29 CFR 1926.62 and 8 CCR 1532.1 for lead.

   1. At minimum, Contractor shall conduct representative (25% of crew) breathing zone personal air monitoring of its employees twice each shift (asbestos only) and repeated daily or until a "negative exposure assessment", as derived in accordance with 29 CFR 1926.1101 (f)(2)(iii) and 8 CCR 1529 for asbestos, and 8 CCR 1532.1 for lead.

   2. Monitoring shall be conducted by a qualified air professional experienced and knowledgeable about the methods of air monitoring and in accordance with 29 CFR 1926.1101, 8 CCR 1529 and 8 CCR 1532.1.

   3. Monitoring results and appropriate laboratory analysis work shall be submitted to ENCORP within forty-eight (48) hours of the monitoring work.

3.12 ALTERNATIVE PROCEDURES

A. If specified procedures cannot be utilized, a request shall be made in writing to ENCORP providing details of the problem encountered and recommended alternatives.

B. The removal of all “other” hazardous materials shall be handled as an alternative procedure. Contractor shall submit a work plan for the removal, handling, and disposal of all “other” hazardous materials, including but not limited to fluorescent light ballasts and tubes, mercury switches, refrigerants, batteries, and radioactive smoke detector sources. Work described in said work plan(s) shall not commence until the work plan has been accepted and approved, in writing, by ENCORP.

C. Alternative procedures shall provide equivalent or greater protection than procedures that are replaced.

D. Any alternative procedure must be approved in writing by the ENCORP prior to the implementation of the procedure.

End of Section 02080

ATTACHMENT A:

Asbestos and Lead-based Materials Inspection Report

ATTACHMENT B:

Procedure 5 Draft Plan and Asbestos Contamination Assessment Report

SECTION 02 10 00

SITE PREPARATION

PART 1 -- GENERAL

A. REQUIREMENTS

1. The Work of this Section includes all those measures required during the CONTRACTOR's initial move onto the site to protect existing fences, facilities, and associated improvements, and utilities adjacent to the construction areas from damage due to boulders, trees or other objects dislodged during the construction process; clearing, grubbing and stripping.

2. Inspect site, examine drawings and remove all items as indicated and necessary as required for demolition and site restoration. All demolition materials to be removed from site and properly disposed of by contractor.

B. REFERENCED REPORTS

1. A geotechnical report was not prepared for this project.

C. RELATED WORK SPECIFIED ELSEWHERE

1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
2. Section 02 08 0, Hazardous Materials Removal
3. Section 02 41 16, Demolition
4. Section 02 51 00, Materials & Waste Management
5. Section 02 55 00, Regulated and Hazardous Materials Transport
6. Section 02 81 00, Environmental Procedures
7. Section 31 10 10, Site Clearing
8. Section 31 20 05, Trenching
9. Section 31 23 13, Excavation Fill
10. Section 31 23 15, Dewatering
11. Section 31 23 23, Excavation Fill for Utilities
12. Section 31 25 00, Erosion and Sediment Control
13. Section 32 01 17, Asphalt Pavement Repair

D. JOB CONDITIONS

1. Existing Conditions. The CONTRACTOR shall determine the actual condition of the site as it affects this portion of the Work.

2. Protection. Site preparation shall not cause obstruction and/or contamination to the property. The CONTRACTOR shall repair or replace any damaged property at no cost to the DISTRICT.

3. While work is being performed, the CONTRACTOR shall provide adequate access to all operating equipment for routine operation and maintenance. The CONTRACTOR shall erect and maintain fences, warning signs, barricades, and other devices as required for the protection of the CONTRACTOR's employees and the DISTRICT's

personnel at the job site. The CONTRACTOR shall remove all such protection when the earthwork operations are completed, or as directed by the DISTRICT'S CONSTRUCTION MANAGER.

E. PROTECTION OF PROPERTY

1. Contractor shall protect all adjoining property, utilities, walks, drives, curb and gutters, fencing, equipment, landscaping, etc. and shall, at his own expense, make good all damage to properties arising out of any operation connected with this project.

2. Contractor shall provide photographs of all existing improvements. Photos will be used to establish extent of repairs required. Furnish duplicate copies of all photos to District's Construction Manager prior to commencing work.

3. Contractor shall not disturb present utilities until they are properly rearranged or terminated. Verify change- overs and connections with District and proper utility companies. Notify all utilities well in advance. Raise or lower existing covers for manholes, meters, cleanouts, etc. as required by new work.

4. Contractor shall provide and maintain adequate fencing, walkways, lights and signs about the work to adequately protect the public. Comply with all regulations.

5. Contractor shall provide and maintain in good condition protective fence surrounding the construction areas. Maintain the fencing to assure separation of construction activity and school activities. Remove all fencing at completion of project

F. JOB CONDITIONS

1. Existing Conditions. The CONTRACTOR shall determine the actual condition of the site as it affects this portion of the Work.

2. Protection. Site preparation shall not cause obstruction and/or contamination to the property. The CONTRACTOR shall repair or replace any damaged property at no cost to the DISTRICT.

3. While work is being performed, the CONTRACTOR shall provide adequate access to all operating equipment for routine operation and maintenance. The CONTRACTOR shall erect and maintain fences, warning signs, barricades, and other devices as required for the protection of the CONTRACTOR's employees and the DISTRICT's personnel at the job site. The CONTRACTOR shall remove all such protection when the earthwork operations are completed, or as directed by the DISTRICT'S CONSTRUCTION MANAGER.

G. CONTRACTOR SUBMITTALS

1. Submittals for items specified herein shall be submitted by the CONTRACTOR and shall be in accordance with the Contract Documents.

2. A copy of this specification section, with any addendum updates included, and all referenced and applicable sections, with any addendum updates included, shall be submitted with each paragraph check-marked to indicate specification compliance or marked to indicate requested deviations from specification requirements. Check marks shall denote full compliance with a paragraph as a whole. If deviations from the specifications are indicated, and therefore requested by the CONTRACTOR, each deviation shall be underlined and denoted by a number in the margin to the right of the identified paragraph. The remaining portions of the paragraph not underlined will signify compliance on the part of the CONTRACTOR with the specifications. The submittal shall be accompanied by a detailed, written justification for each deviation. Failure to

include a copy of the marked-up specification sections, along with justification(s) for any requested deviations to the specification requirements, with the submittal shall be sufficient cause for rejection of the entire submittal with no further consideration.

3. Submittals shall be provided to confirm that materials to be used comply with information specified herein.

4. The CONTRACTOR shall submit to the DISTRICT'S CONSTRUCTION MANAGER a schedule of proposed disposal locations and written authorization from disposal site District.

5. The CONTRACTOR shall submit safety measure drawings.

PART 2 -- PRODUCTS

A. SAFETY BARRIERS

1. The proximity of existing structures will require construction of appropriate safety barriers such as temporary fencing, berms, or similar facilities. To minimize disturbance of existing roads and facilities, safety barriers shall allow for normal maintenance and operation of existing facilities and roads as determined by the DISTRICT'S CONSTRUCTION MANAGER. The CONTRACTOR shall prepare a submittal to the DISTRICT'S CONSTRUCTION MANAGER with drawings that define the proposed safety measures prior to any construction activity.

2. All work shall be done in conformance with the rules and regulations pertaining to safety established by California Division of Industrial Safety and OSHA.

PART 3 – EXECUTION

A. CLEARING, GRUBBING, AND STRIPPING

1. Where existing utilities interfere with the Work, the Work shall be stopped and the DISTRICT'S CONSTRUCTION MANAGER shall be notified of interferences before proceeding in accordance with the Contract Documents.

2. All construction areas shall be cleared of structures, concrete or masonry debris, landscaping, trees, logs, upturned stumps, grass, weeds, loose boulders, and any other objectionable material of any kind which would interfere with the performance or completion of the Work, create a hazard to safety, or impair the Work's subsequent usefulness or obstruct its operation. Trees and other natural vegetation outside the actual lines of construction shall be protected from damage during construction.

3. Within the limits of clearing, the areas below the natural ground surface shall be grubbed to a depth necessary to remove all stumps, roots, buried logs, and all other objectionable material. Cleanouts and connection lines and any other underground structures, debris or waste shall be totally removed if they are found on the site. All objectionable material from the clearing and grubbing process shall be removed from the site and wasted.

4. Additional requirements for excavating or removing existing facilities and soil are shown on the Drawings.

5. Unless otherwise shown or specified, native trees larger than three inches in diameter at the base shall not be removed without the DISTRICT'S CONSTRUCTION MANAGER's approval. The removal of any trees, shrubs, fences, or other improvements outside of the limits of construction as deemed necessary by the CONTRACTOR, shall be arranged with the DISTRICT, removed and replaced, if required, by the CONTRACTOR at his/her expense.

6. Trees and shrubbery adjacent to the trench, pole lines, fences, signs, survey markers and monuments, buildings and structures, conduits, pipeline under or above ground, all roadway facilities and any other improvements or facilities within or adjacent to the work shall be protected from injury or damage, and, if ordered by the DISTRICT'S CONSTRUCTION MANAGER, the CONTRACTOR shall provide and install suitable safeguards approved by the DISTRICT'S CONSTRUCTION MANAGER to protect such objects from injury or damage.

7. Serious injuries to trees to remain shall be avoided. No major roots or branches crossing the trench shall be cut if such cutting would seriously injure or imperil the safety of the tree or trench. All limbs, roots or branches, which are cut or broken, shall be trimmed and painted with an approved tree seal. If other objects are injured or damaged by reason of the CONTRACTOR's operations, they shall be replaced or restored, at the CONTRACTOR's expense, to the condition at the time the CONTRACTOR entered upon the work.

8. The DISTRICT'S CONSTRUCTION MANAGER shall be notified when site preparation work is completed.

B. REGRADING/SUBGRADE PREPARATION

1. In areas to receive fill, the stripped surface should be scarified to a depth of about 6 inches below the excavated level, conditioned to near optimum moisture content and recompacted to 90 percent of maximum.

2. Any holes remaining after stripping and grubbing shall be backfilled unless they are located within an area designated for further excavation. Backfill material and placement shall be in accordance with Section 02200, Earthwork.

C. DISPOSAL OF DEBRIS

1. Dispose of removed materials, waste, trash, and debris in a safe, acceptable manner, in accordance with applicable laws and ordinances and as prescribed by authorities having jurisdiction.

2. Burying of trash and debris on the site will not be permitted. Burning of trash and debris at the site will not be permitted.

3. Remove trash and debris from the site daily so that its presence will not delay the progress of the Work.

4. Removed materials, trash, and debris shall become the property of the CONTRACTOR and shall be removed from the DISTRICT's property and disposed of in a legal manner. Location of disposal site and length of haul shall be the CONTRACTOR's responsibility.

D. UTILITY INTERFERENCE

1. If an existing utility not indicated on the drawings is encountered that interferes with the work, the CONTRACTOR shall notify the DISTRICT'S CONSTRUCTION MANAGER.

E. RELOCATION AND REPLACEMENT

1. Where existing items interfere with the work and require relocation and/or replacement, the work shall replace or relocate the items to at least their original condition.

F. SITE DRAINAGE

1. The General Contractor shall provide adequate equipment to construct and maintain

drainage and do all pumping necessary to keep any excavations and/or building free from water. Excavation, trenches and building shall be protected at all times from water drainage. Provide adequate surface drainage during construction period.

2. Contractor will designate area for wash out of concrete trucks

G. TEMPORARY EROSION AND SEDIMENTATION CONTROL

1. Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways.

2. Inspect, repair, and maintain erosion and sedimentation control measures during construction until permanent vegetation has been established

END OF SECTION

SECTION 02 51 00

MATERIALS AND WASTE MANAGEMENT

PART 1 - GENERAL

1.1 SUMMARY

A. Contractor shall furnish all labor, materials, equipment, and related items required for the proper handling, transportation and disposal of all materials generated during the Work. For the purpose of this specification, the material or waste types that may are expected to be encountered at the site are as follows:

1. *Salvage*: Metals and other materials with intrinsic value which Contractor will take ownership of and provide Owner with a credit.
2. *Recyclable Materials*: Materials without intrinsic value that may be recycled such as crushed concrete, bricks, etc.
3. *Non-hazardous Solid Waste*: Debris that is not regulated as Hazardous Waste or Special Waste and which can be disposed at an Owner-approved disposal facility.
4. *Hazardous Waste*: waste regulated under the Resource Conservation and RecoveryAct (RCRA)
5. *Asbestos Containing Wastes*: wastes regulated under National Emission Standards for Hazardous Air Pollutants (NESHAP)
6. *Polychlorinated biphenyl (PCB) Impacted Waste*: waste regulated under the Toxic Substance Control Act (TSCA)
7. *Universal Wastes*: wastes regulated under the Resource Conservation and RecoveryAct (RCRA)
8. Potentially contaminated surface water or groundwater.
9. Other waste classification which prohibits disposal at a solid waste landfill.

B. Contractor is responsible for determining the proper characterization of all materials generated during the Work and recycling or disposal methods to ensure that waste is recycled or disposed according to procedures that are consistent with Applicable Law. This shall be accomplished through coordination with the District's Construction Manager as described herein.

C. Note: the term "waste management" herein is a general term referring to the management of waste streams and is not meant to refer to any waste handling companies with similar titles.

1.2 RELATED SECTIONS

A. The requirements of this section apply to ALL elements of the Work. Related sections include, but are not limited to, all DIVISION 1 and DIVISION 2 sections, where relevant and applicable.

1.3 DEFINITIONS

A. The meanings for all defined terms are identified in SECTION 014200.

1.4 SUBMITTAL AND PROJECT RECORD DOCUMENTS

1. Waste Management Plan
2. Waste Management Records

1.5 QUALIFICATIONS

A. Contractor will identify to Owner the waste disposal facility to be used by Contractor for disposal of Non-Hazardous Solid Waste. The designated waste disposal facility must be licensed and approved by the appropriate local, state, and/or federal agency for the intended use.

B. Contractor will identify to Owner the recycling firms and facilities to be used by Contractor. The designated recycling firms and facilities must be licensed and approved by the appropriate local, state, and/or federal agency for the intended use.

1.6 SCHEDULING

A. Contractor must identify the waste management and disposal procedures in Contractor's Waste Management Plan for Owner's approval.

B. Contractor must identify the materials to be recycled, sources of materials and recycling firms to be used in Contractor's Execution Plan for Owner's approval.

1.7 PERMITTING

A. Contractor shall ensure that it and its Subcontractors have any and all required permits and authorizations and their respective employees have any and all required certifications and training to allow them to handle, package, transport, and dispose of all Regulated, Special, Asbestos, TSCA, Universal, Hazardous Wastes generated during the course of the Work in accordance with Applicable Law.

PART 2 – PRODUCTS

2.1 PACKAGING MATERIALS AND PRODUCTS

A. Packaging materials allowed include, but are not limited to, the following:

1. Removable head drums or steel roll-off boxes, DOT approved.
2. Miscellaneous plastic bags.
3. Drum labels and markings which conform to the requirements of 40 CFR 262, 29 CFR 1926 and Applicable Law.
4. Water and liquid storage tanks of appropriate chemical compatibility with wastes generated during the Work to be determined by Contractor.

B. Spill prevention and countermeasure materials and control products in accordance with Contractor's Spill Control Plan, including plastic sheeting and absorbent materials consistent with the requirements of Title 49 CFR 173 and all Applicable Law.

PART 3 - EXECUTION

3.1 WASTE CHARACTERIZATION

A. Waste streams are to be characterized by Contractor as designated in these specifications and in accordance with Contractor's Waste Management Plan. Contractor shall sample and analyze waste material for characterization purposes in accordance with requirements of the receiving facility and Applicable Law. Analysis must be conducted by a NELAP certified laboratory. Contractor shall include the methods and procedures it proposes for the sampling and analysis of materials generated in the Waste Management Plan.

B. Contractor must determine the material waste profile for disposal based on characterization results, generator knowledge, and other pertinent information. Waste profiles developed by Contractor must be reviewed and approved by the District's Construction Manager and/or Owner.

C. In the event that Contractor is unable to determine the classification or profile of a waste, Contractor must notify the District's Construction Manager. Contractor must supply a detailed description of the waste to be disposed and a sample of the waste, if requested, to the District's Construction Manager to assist in determining the characteristic and/or profile of the waste material.

D. All empty containers produced by Contractor that had previously contained Hazardous Waste must be disposed as a Hazardous Waste unless the container meets requirements and standards of Applicable Law for an "empty container" and is approved for alternative disposal by Owner.

3.2 SALVAGEABLE MATERIALS AND NON REGULATED WASTE

A. Contractor shall manage all Salvageable Materials in accordance with Applicable Law.

3.3 RECYCLABLE MATERIALS

A. Contractor shall manage all recyclable materials in accordance with Applicable Law.

B. Contractor is responsible for any characterization or profiling that may be required as part of the recycling process.

C. Material recycling shall be conducted in accordance with all Applicable Law.

3.4 STORAGE AND PACKAGING OF WASTES AND RECYCLABLE MATERIALS

A. Contractor is to establish secured storage area(s) on the Site for temporary storage of all waste materials as necessary. The storage facility must meet the requirements under Applicable Law for the particular waste being stored.

B. Contractor shall store all hazardous and liquid waste in containers appropriate for transport as required by Applicable Law.

C. Prior to removal from the Project Site, combustible debris must be stored/managed in such a manner to prevent combustion.

3.5 NON-HAZARDOUS WASTE GENERATION AND DISPOSAL

A. Contractor shall obtain approval of Owner in writing prior to disposal of any wastes characterized as Non-Hazardous Waste.

B. Contractor shall identify to Owner for approval the waste disposal facility to be used by Contractor for disposal of Non-Hazardous Solid Waste. The designated waste disposal facility must be approved by Owner prior to use.

3.6 HAZARDOUS WASTE GENERATION AND DISPOSAL

A. Contractor shall manage all Hazardous Waste in accordance with Applicable Law

B. Contractor shall obtain approval of Owner in writing prior to disposal of any wastes characterized as Hazardous Waste.

C. Contractor shall identify to Owner for approval the waste disposal facility to be used by Contractor for disposal of Hazardous Waste. The designated waste disposal facility must be approved by Owner prior to use.

D. A Hazardous Materials Survey was completed in addition to the Asbestos Survey (Exhibit A). This inventory is not all-inclusive; there may be additional hazardous or regulated wastes within the Work Area that require proper disposal.

E. Lead-based Paint (LBP)

1. EPA and the Department of Housing and Urban Development (HUD) defines lead- based paint as paint or other surface coating that contains lead greater than or equal to 0.5 percent by weight (5,000 micrograms per gram (ug/g) or 5,000 parts per million (ppm) by weight). Based on the age of the buildings it is assumed that paints within the building may contain lead. No lead sampling was performed as part of this Hazardous Materials Survey. However, Contractor should treat all paints as lead containing unless testing proves otherwise.

2. Components which contain lead do not necessarily need to be removed prior to demolition activities; however, deteriorated lead-based paint inside occupied areas may need to be removed prior to demolition activities to reduce the risk of exposure to contractors. Contractor needs to be made aware of the presence and locations of LBP and take the necessary precautions to protect their workers which may include personal protective equipment (PPE) and/or removal of flaking/peeling paint. OSHA regulations indicate air-monitoring must be conducted during demolition activities in affected areas which contain lead.

3.7 ASBESTOS CONTAINING MATERIALS GENERATION AND DISPOSAL

A. Contractor shall manage all Asbestos-containing materials in accordance with Applicable Law and SECTION 028200.

B. Contractor shall obtain approval of Owner in writing prior to disposal of any wastes characterized as Friable or Non-Friable Asbestos Containing Material.

C. Contractor shall identify to Owner for approval the waste disposal facility to be used by Contractor for disposal of Friable and Non-Friable Asbestos-Containing Waste. The designated waste disposal facility must be approved by Owner prior to use.

3.8 TSCA WASTE GENERATION AND DISPOSAL

A. Contractor shall manage all TSCA Waste in accordance with Applicable Law.

B. Contractor shall obtain written approval of Owner prior to disposal of any wastes characterized as TSCA Waste.

C. Contractor shall identify to Owner for approval the waste disposal facility to be used by Contractor for disposal of TSCA Waste. The designated waste disposal facility must be approved by Owner prior to use.

D. The subject property was not inspected for electrical equipment that may contain PCBs, which were widely used in until the mid-1970s at which time they were banned from use. Various transformers and other oil-containing equipment have been identified at the site; PCB levels have not been previously tested. Prior to disposal of any oils remaining in transformers or other equipment, Contractor shall test and determine if PCBs are present.

E. Fluorescent light fixtures were present within the building and based on the age of the

building, PCB-containing ballasts could be present. Leaking or unlabeled ballasts should be disposed as TSCA Waste.

F. Owner has not tested the Site for PCB-containing caulk materials.

G. Owner has not tested the Site for PCB-containing concrete materials. Prior to demolition, all concrete shall be tested for PCBs in accordance with the following guidelines:

1. Sampling design:

a. All suspected stained area(s) should be sampled.

b. At each separate location, collect at least 3 samples of each type of porous surface, regardless of the amount of each type of porous surface present. At least 1 of 3 samples should be biased toward stained surfaces (if present), with the remainder randomly distributed over the porous surface.

c. In areas where PCB equipment was used or where PCBs were stored, samples should be collected at a frequency of 1 sample/100 square feet.

2. Sample collection:

a. Discrete samples shall be generated by collection of drill cuttings using an impact hammer drill.

b. If an in-impact hammer drill is used, a bit no larger than 1-inch diameter shall be used to drill holes not to exceed 0.5-inches in depth. As necessary at each discrete location, more than one drill hole may be required to provide adequate sample volume/weight.

c. The minimum volume/weight of each composite sample to be analyzed shall be governed by the laboratory requirements. The volume of any sample shall not exceed one, four-ounce jar.

d. Sampling methods should be consistent for all samples (i.e., do not mix chiseling samples with drilled samples).

e. Drill bits shall be decontaminated with Alconox and distilled water, rinsed with distilled water, and dried prior to use at a different location. All other items (spoons, gloves, equipment, etc.) that may come in contact with the sample shall be either decontaminated using a similar approach or disposed of and replaced with new materials between each location.

3. Sample analysis:

a. Samples shall be analyzed for polychlorinated biphenyls (PCBs) using EPA Method 8082. Turnaround time for sample results shall be dependent on situation requirements, method restraints, and laboratory capacity. Samples shall be packaged in a cooler on ice so that the samples arrive at the laboratory at +/- 4˚C.

b. A chain-of-custody shall be prepared and shipped with the samples to the laboratory. A chain-of-custody can be obtained from the laboratory and should be completed with signatures as noted.

3.9 PCB REMEDIATION WASTE GENERATION AND DISPOSAL

A. Contractor shall manage all PCB remediation waste in accordance with Applicable Law.

B. Wastes characterized as PCB remediation waste shall be transported off-site and disposed of at an Owner approved facility in accordance with all Applicable Law. Contractor shall obtain approval of Owner prior to disposal of any wastes characterized as PCB remediation waste.

3.10 UNIVERSAL WASTE GENERATION AND DISPOSAL

A. Contractor shall manage all Universal Waste in accordance with Applicable Law.

B. Contractor shall obtain approval of Owner prior to disposal of any wastes characterized as Universal Waste.

C. Contractor shall identify to Owner for approval the waste disposal facility to be used by Contractor for disposal of Universal Waste. The designated waste disposal facility must be approved by Owner prior to use.

D. Fluorescent light fixtures and other spent lamps are present within the building and shall be removed and disposed by Contractor.

E. Mercury switches (MerCoid) and other mercury containing devices (i.e. pressure gauges, thermometers, etc.) that remain in the facility shall be removed and disposed by Contractor as Universal Waste. Mercury containing devices shall be disposed in whole (i.e. do not break and remove mercury) to prevent releases.

3.11 REFRIGERANT

A. Remove refrigerant from mechanical equipment according to Applicable Law before starting demolition and recycle or dispose of appropriately.

3.12 WASTE WATER DISPOSAL AND DISCHARGE

A. Contractor is to collect liquid waste produced during the demolition activities in containers suitable for transport and disposal as required in the Contract Documents (i.e. decontamination water, high pressure wash water, etc.).

B. Contractor will be required to acquire one or more samples of non-hazardous liquids from each container for characterization.

1. Samples will be analyzed for the following parameters, at a minimum:

a. Volatile Organic Compounds (US EPA Method SW 846)

b. Polynuclear Aromatic Hydrocarbons (US EPA Method 8270 SIM)

c. RCRA Metals (US EPA Method 6010/7470/7471)

d. Glycols (US EPA Method 8015).

e. Any additional analyses necessary to obtain disposal approval.

C. Sewer discharge is not available as a disposal option for this site. Liquid waste shall be transported and disposed of at an approved facility in accordance with all Applicable Law.

D. In the event that liquid wastes are not suitable for a particular disposal facility, Contractor, in conjunction with the District's Construction Manager, shall determine if on- site treatment of liquid wastes is a viable option to render the waste stream appropriate for discharge at that facility.

E. Any on-site treatment system proposed by Contractor shall be in accordance with Applicable Law and approved by Owner prior to use. Contractor shall be required to demonstrate the efficiency of the treatment system through sampling and analysis prior to effluent discharge. Any permitting, sampling, reporting for this system will be the responsibility of and paid for by the Contractor.

In the event that the waste characterization testing indicates that the water is either a Hazardous Waste or TSCA Waste, Contractor may not conduct on-site treatment and the Waste shall be transported and disposed of at an approved facility in accordance with all Applicable Law.

3.13 TRANSPORT FOR OFF-SITE DISPOSAL

A. Contractor is to use only licensed and bonded transporters to accomplish the off-site transport and disposal of all solid wastes, recyclable materials and hazardous/special wastes generated during performance of the Work. Transportation shall be conducted in accordance with SECTION 02 55 00, Regulated and Hazardous Materials Transport.

3.14 MANIFEST AND BILL-OF-LADING

A. Contractor must coordinate the preparation of shipping records, including Universal Hazardous Waste Manifests for transport of hazardous waste as required by Applicable Law. Contractor must submit such shipping records to District's Construction Manager or Owner for review and signature at least 48 hours prior to off-site transport in accordance with the Waste Management Plan. Under no circumstances shall wastes (non-hazardous or Regulated Materials) be removed from the premises without signature by, or knowledge of, the District's Construction Manager.

B. Contractor is required to prepare a bill-of-lading for transport of solid waste as required by the transporter and in conformance with all applicable transport regulations and requirements.

3.15 DISPOSAL RECEIPTS AND EXECUTED MANIFESTS

A. The Contractor is required to submit to the District's Construction Manager copies of weigh tickets/disposal receipts and fully executed manifest copies for all wastes. All such copies shall be issued within 48 hours of transport.

B. A listing of materials recycled including total volumes, sources of recycled materials including locations in building and recycling firms utilized must be maintained by Contractor and provided to Owner on a weekly basis, with any outstanding information provided at project completion.

END OF SECTION

SECTION 02 55 00

REGULATED & HAZARDOUS MATERIALS TRANSPORT

PART 1 - GENERAL

1.01 SUMMARY

A. Contractor shall furnish all labor, training, materials and equipment, and related items required for the appropriate packaging and transportation of all Regulated Materials and Wastes generated at the Project Site during the Work.

1.02 RELATED SECTIONS

A. The requirements of this section apply to ALL elements of the Work. Related sections include, but are not limited to, all DIVISION 01 and DIVISION 02 sections, where relevant and applicable:

1.03 DEFINITIONS

A. The meanings for all defined terms are identified in SECTION 01 42 00, Definitions & Standards.

1.04 REGULATORY REQUIREMENTS

A. Comply with Applicable Law for the packaging and transportation of the Regulated Materials and Wastes.

1.05 SUBMITTALS AND PROJECT RECORD DOCUMENTS

A. Provide all required submittals as identified in SECTION 01 33 00, Submittal Procedures.

B. Complete and submit all shipping papers, Hazardous Waste Manifests, and waste management forms described in SECTION 02 51 00, Materials & Waste Management.

1.06 QUALIFICATIONS

A. Transporters used by Contractor must have all appropriate licenses and Permits, and copies of all such documentation shall be present with each vehicle used onsite and off- site containing waste streams generated during this Work.

B. All personnel involved with the packaging and transportation of the Regulated Materials must have the appropriate Department of Transportation (DOT) training and provide evidence of such training to Owner and District's Construction Manager prior to offsite transportation.

1.07 SCHEDULING

A. Contractor shall expeditiously characterize and transport offsite for disposal Regulated Materials in accordance with SECTION 02 51 00, Materials & Waste Management.

B. Contractor shall comply with Applicable Law regarding accumulation time limits pertaining to Regulated Materials. For example, Hazardous Wastes shall not be stored on- Site for more than 90 days.

PART 2 - PRODUCTS – NOT APPLICABLE

PART 3 – EXECUTION

3.01 IDENTIFICATION OF WASTE MATERIALS FOR TRANSPORTATION

A. Contractor shall be responsible for the characterization of any materials that may be required for off-site transportation in accordance with SECTION 02 51 00, Materials & Waste Management.

B. For transportation purposes, it is assumed that all materials listed under 49 CFR 172.101 are considered Hazardous Materials. Contractor shall evaluate all Regulated Materials discovered at the facility to designate which specific materials are to be classified as Hazardous Materials for transportation purposes.

3.02 PACKAGING, LABELING, AND PLACARDING

A. Contractor shall package all Hazardous Materials for transportation and storage in accordance with 49 CFR 172.101, any applicable sections of 49 CFR 173 and other Applicable Law.

3.03 SHIPPING DOCUMENTS

A. Shipping Papers

1. Contractor shall prepare the shipping papers for all shipments of non-regulated materials in accordance with the requirements of 49 CFR 172, Subpart C and 49 CFR 172.101. Shipping papers shall be provided to the District's Construction Manager for review and Owner's signature prior to transport offsite.

B. Waste Management Records

1. Contractor must prepare shipping papers including any Hazardous Waste manifest for transport of Regulated Materials in accordance with SECTION 02 51 00, Materials & Waste Management. Contractor must submit such Waste Management Records to the District's Construction Manager for review prior to signature prior to removal of any such material from the Site.

C. Shipment Review

1. At the time the waste manifest is prepared, Contractor must make available for review by the District's Construction Manager all packaged and/or bulk loaded Regulated Materials and Wastes. In the period between observation by the District's Construction Manager and off-site transport, Contractor must make provisions to ensure that the waste is not changed in any manner.

D. Emergency Response

1. Contractor is to provide transporter with an Emergency Response Guide concurrently with the manifest to the driver of the transport vehicle before the material is loaded onto the vehicle.

- END OF SECTION -

SECTION 02 81 00

ENVIRONMENTAL PROCEDURES

PART 1—GENERAL

1.1 DESCRIPTION

A. The Contractor is alerted to the possibility that hazardous waste and/or contaminated material other than already identified in the Contract Documents or identified as a result of the DISTRICT'S Preliminary Environmental Assessment (PEA). In the event that such hazardous / contaminated material is discovered, the Contractor shall immediately notify the DISTRICT And the DISTRICT'S CONSTRUCTION MANAGER both verbally and in writing. Upon receipt of such notification, the DISTRICT, at its sole option, may either (a) perform the remediation work using its own forces or using an outside contractor specializing in remediation work or, (b) direct the Contractor to perform all or any part of the remediation and hazardous materials removal work.

B. This Section alerts the Contractor that work in this Contract will involve working environments that may be hazardous, contaminated, or non-hazardous to activities associated with the excavation, handling, transportation, and disposal of all excavated materials and other wastes in the project area with emphasis to hazardous and contaminated materials.

C. Such hazardous, contaminated, and non-hazardous environments include, and are not limited to hazardous and non-hazardous materials, soils, groundwater, heavy metals, petroleum hydrocarbons, polynuclear aromatic hydrocarbons, organic compounds, serpentine rock and ultramafic material (which may contain natural occurring asbestos - NOA), lead-based paint materials, sewage, sludge, debris, grit, sewer gases, bacterial/biological contamination, rail road ties, oxygen deficiency, and confined spaces.

D. Hazardous and non-hazardous waste shall only be disposed at permitted California landfills (22 CCR 66262), equivalent out-of-state landfills (40 CFR 262), permitted recycling facilities, and at other projects as approved by the DISTRICT.

E. The Contractor is hereby notified that any screening or crushing operations of excavated materials cannot proceed without the appropriate permits.

F. All work in this Section (including the excavation, handling, and re-use of excavated soils) shall be incidental to mobilization, unless noted otherwise.

G. The testing, transportation and disposal of excess excavated soils shall be approved by the DISTRICT in advance. Mark up and profit for all tiers of sub-contracted work under this allowance shall be limited to 5%.

H. ENVIRONMENTAL TRAINING: At no cost to the DISTRICT, the Contractor shall ensure that its workers and that of its subcontractors have the following appropriate environmental training. It is the Contractors responsibility (and not that of the DISTRICT) to ensure that its workers and its subcontractors have the necessary training certifications, and personal protective equipment (PPE) as required by federal, state and local laws and regulations. The Contractor shall submit certifications or proof of such training to the DISTRICT within 15 working days prior to excavation of soils or disturbance of building materials.

1. Health and Safety training

2. HAZWOPER training

3. Asbestos awareness training (for all trades who will come in contact and disturb Serpentine (Naturally Occurring Asbestos NOA)

4. Lead awareness training (for all trades who will come in contact and disturb lead containing paints as per Cal/OSHA 1532.1 Lead in Construction standard)

5. Dust Control and Mitigation awareness training as per Section 01 57 19, Environmental Mitigation Measures

6. Medical examination and blood tests (as warranted)

7. Respiratory protection (including current respirator fit test records)

8. Storm water pollution prevention awareness training, and

9. Other training pertaining to the work being conducted.

1.2 RELATED SECTIONS

A. 01 11 10 Work Requirements

B. 01 35 29 Health and Safety Requirements

C. 01 41 00 Regulatory Responsibilities

D. 01 57 23 Strom Water Pollution Prevention

E. 01 57 19 Environmental Mitigation Measures

F. 31 23 19 Dewatering

1.3 SUBMITTALS

A. The Contractor shall submit the documents listed below, and have the Plans approved by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER at least 20 working days before any soil disturbing activity, and no later than 30 calendar days after the Notice to Proceed. Pursuant to the provisions of Section 26 of the General Provisions and Section 01 33 00, Submittal Procedures, the Contractor shall submit the following as separate submittals:

1. Waste Profile Application Package on each waste stream that the Contractor plans for disposing the excavated soil. The Contractor shall prepare and submit waste profile application to each proposed disposal facilities for acceptance based on sampling results. The formal waste profile application will also include, if any, additional information (such as slurry additive applied by the construction contractor as part of the construction) will be included in the formal waste profile application. Only the Generator (DISTRICT) will be sign the profile application.

2. Waste Profile # (s) from the permitted landfills or the permitted disposal & recycling facilities that the Contractor will use.

3. Monthly Soil Disposal Spreadsheet in accordance with Article 1.4 herein.

4. Workers HAZWOPER Training Records in accordance with Article 1.6 herein.

5. Transporter's current Class 1 Certificate of Compliance from the California Highway Patrol and Hazardous Substance Removal Certification in accordance with Article 1.8 herein, as warranted.

6. Copy of the Non-Hazardous Waste form for and subsequent copies attached to the monthly Soil Disposal Spreadsheet in accordance with Article 1.9 herein.

7. Hazardous Waste Manifest in accordance with Article 1.10 herein, as warranted.

8. Monthly Import fill Spreadsheet in accordance with Article 3.3herein.

1.4 CLASSIFICATION AND MANAGEMENT OF EXCAVATED MATERIALS

A. The Contractor may use a onsite soil staging area. All mitigation controls as specified under Section 01 57 19 Environmental Mitigation Measures are applicable to the onsite soil staging area.

B. The Contractor shall maximize reuse of soils onsite. Excess soils from the 40'x40' West end of the project (capped area) may only be used in the same area. Excess materials from the remainder of the site may be used anywhere onsite including the bottom 1 foot of the planters.

C. Except as otherwise stated in the Contract Documents, the Contractor is responsible for the excavation, loading, handling, transportation, and disposal of all surplus waste excavated soils and sediments from dewatering activities, meeting requirements of a certified and permitted California landfill or an equivalent out-of-state landfill. All such disposal activities shall require the approval of the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER prior to actual loading and disposal.

D. Conditions for acceptance at various local landfills/waste disposal facilities include, filling out of a waste profile, that the surplus waste excavated soil hauled to the landfill will have greater than 50 percent solids, and cannot have any free liquids. It is the Contractor's responsibility to meet landfill requirements for disposal.

E. If the soils from this area cannot be reused, such surplus waste excavated soils shall be disposed at a certified and permitted California landfill for Class I, or
Class II, or Class III, disposal or an equivalent out-of-state landfill.

F. The Contractor shall not conduct any environmental sampling or analysis without prior permission from the DISTRICT And the DISTRICT'S CONSTRUCTION MANAGER. This does not include the Contractor's obligation for any personnel air monitoring.

G. Sampling for disposal would include but is not limited to: a minimum of one four- point composite per 500 cubic yards shall be analyzed. Analyze each sample for Total Petroleum Hydrocarbons-Gasoline/BT EX/MTBE (EPA Method 8015 mod/8021), TPH-Diesel/Motor Oil (EPA Method 8015 with silica gel cleanup), Volatile Organic Carbons VOC's (EPA Method 8260), Semi-Volatile Organic Carbons SVOC's (EPA Method 8270), Organochlorine Pesticides (EPA Method 8081), Polychlorinated Biphenyls (EPA Method 8082), Title 22 Metals (EPA Methods 6000/7000 Series), Asbestos (CARB Method 435), Chromium +6 (EPA Method 7199), and soluble Total Concentration Leaching Potential (TCLP) and Soluble Threshold Limit Concentration (STLC) metals as warranted. Verify analysis with land fill prior to sampling.

H. The Contractor shall inform the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER in writing and obtain DISTRICT's approval prior to any sale, supply, or offer to sell excavated material. The Contractor shall similarly comply with South

Coast Air Quality Management District's (BAAQMD's) Regulations for asbestos-containing serpentine, the California Air Resource Board Advisory #161 (http://www.arb.ca.gov/cd/advs161.htm, and Title 17, Section 93106 of the California Code of Regulation (CCR). In such a case, the Contractor, at its own expense, shall perform all the engineering and chemical testing as required by the DISTRICT and by federal, State, and local statutes, laws, regulations, and policies.

I. Asphalt, concrete, aggregate base, vegetation, debris, wood, obstructions, and other organic, unsound or deleterious matter shall be excavated separately from the soil layer, and shall not be reused as backfill. The removal, management, transportation, and disposal of asphalt, concrete, aggregate base, vegetation, debris, wood, obstructions, and other organic, unsound, or deleterious matter shall be incidental to its respective bid items.

J. Soils of different waste disposal classification shall be segregated when excavated, managed, transported, and disposed separately with no mixing of the different types of wastes.

K. Soil Disposal Spreadsheet: As warranted, the Contractor shall submit five hardcopies or a digital copy of a monthly spreadsheet of all imported fill deposited at the project site to the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER. The spreadsheet shall include information on project name, Contract No., date the soil was excavated, the location the soil was excavated (street address and depth range), quantity (cubic yards and tons), soil type, non-hazardous waste form No., or manifest No., Weight ticket No, transporter, and landfill information.

L. For work in this Contract, the Contractor shall take into account the productivity losses, if any, due to but not limited to encountering and managing hazardous or non-hazardous materials, the use of respirators and personal protective equipment. The DISTRICT will not pay additional compensation to the Contractor due to encountering and managing hazardous or non-hazardous materials, use of respirators, and personal protective equipment.

M. The DISTRICT reserves the option and right, at any time, to use its own forces to excavate, remediate, bioremediate, haul, recycle, or dispose of both, hazardous and non-hazardous materials at its own facilities, California State approved facilities, contracted facilities or contracted out-of-state facilities.

1.5 DEFINITIONS

A. Generator: The DISTRICT is the "generator" as defined in Section 66260.10 of Article 2, Chapter 10, Division 4.5 of Title 22 of the California Code of Regulations (CCR) and in Title 40, Code of Federal Regulations (CFR) of any excavated pre-existing hazardous waste. The DISTRICT will be responsible as the generator to the extent of the law.

B. Waste: Discarded material of any form as defined by the Code of Federal Regulations 40 CFR 261.2 (http://www.access.gpo.gov/nara/cfr) and the California Code of Regulations 22 CCR 66261.2 (http://ccr.oal.ca.gov).

C. Hazardous Waste: This may include excavated material, asbestos, loose and peeling lead–based paints, and other material that is regulated by and requires management, handling, transport, treatment, storage, and disposal according to the requirements of the Federal Resource conservation Recovery Act (RCRA) and associated regulation 42 U.S.C. 6901 et seq. (http://www.access.gpo.gov/congress/cong013.html) and 40 CFR Part 260 et seq., or the California Hazardous Waste Control Law

(http://crc.losrios.cc.ca.us/~hodappd/20a/callaw/index.htm) and associated regulations (Health and Safety Code 25000 et seq. (http://www.leginfo.ca.gov/calaw.html) and 22 CCR 66260 et seq.).

D. References to hazardous material or contaminated material incorporate definitions of hazardous pollutants, hazardous contaminants, hazardous material, hazardous substances, hazardous waste, toxic pollutants, and toxic substances applicable in accordance with federal, State, and local statutes, laws, and regulations.

E. Management of excavated materials or "management" means transportation, transfer, recycling, recovery, disposal, handling, processing, storage, and treatment of excavated materials in accordance with federal, State, and local laws and regulations.

F. Soil: earth material composing the superficial geologic strata (material overlying bedrock), consisting of clay, silt, sand, or gravel size particles as classified by the U.S. Soil Conservation Service. Soil does not include asphalt, concrete, aggregate base, vegetation, debris, wood, obstructions, and other organic, unsound, or deleterious matter.

G. Excavated material includes all soils (fill, alluvium, bedrock), and other materials generated in the course of the project work, which are to be excavated, handled, or disposed of as part of the Contract.

H. Waste excavated soil is excavated soil that is a waste and cannot be reused within the project site in accordance with reuse criteria of this Section. It is surplus and shall be managed, transported, and disposed of as part of the Contract. Waste excavated soil does not include asphalt, concrete, vegetation, wood, debris, obstructions, and other organic, unsound, or deleterious matter.

I. Naturally Occurring Asbestos (NOA): NOA is typically associated with ultramafic rocks within the Franciscan mélange, including serpentinite, greenstone, and blueschist. There are six regulated naturally occurring asbestos minerals: chrysotile, crocidolite (asbestiform riebeckite), amosite, tremolite, actinolite, and anthrophyllite (CGS 2002). The six asbestos minerals are divided into two distinct mineral groups; serpentine minerals (chrysotile), and amphibole minerals, which include the remaining five above-mentioned minerals. These asbestos minerals are considered hazardous to humans, and are classified as known human cancer-causing substances by local, state, and federal health agencies (DTSC 2004).

J. The following soil classifications with corresponding requirements are established solely for the purpose of payment for the handling, transportation and disposal of the excavated materials determined to be a waste:

1. California Class I (non-RCRA) hazardous waste: is waste excavated material that is classified as California (non-RCRA) hazardous waste, requires disposal at a California Class I disposal facility or a similarly permitted out-of-state facility and requires transport by a registered hazardous waste transporter.

2. California Class II and Class III designated waste (Class II and Class III): is non-hazardous waste, and is not a California or Federal hazardous waste. It requires disposal at a California Class II or Class III disposal facility or at a similarly permitted out-of-state facility without the need of a registered hazardous waste transporter.

1.6 WORKER'S HAZWOPER TRAINING

A. At no cost to the DISTRICT, the Contractor shall provide sufficient numbers of properly trained personnel who may come in contact with, may be exposed to, disturb, operate equipment in, or otherwise excavate, handle, transport and dispose hazardous or contaminated excavated material. This training shall be required irrespective of whether contaminated or hazardous substances are found. Each such employee shall posses a current 40-hour Hazardous Waste Operation and Emergency Response ("HAZWOPER") training and certification and the associated 8-hour HAZWOPER refresher training (in accordance with Sections 5192 and 5144 of Title 8, CCR and Title 29 CFR, Sections 1910.120 and 1910.134), and shall be certified to wear appropriate personal protective equipment.

B. Only qualified persons shall engage in hazardous materials-related work. Contractor and Subcontractor personnel, who come in contact with, are exposed to, disturb, operate equipment in, or otherwise handle hazardous or contaminated materials, or demolition debris shall have appropriate hazards communication, environmental training and medical monitoring.

C. The DISTRICT will not grant extensions of time or increases in payment for costs associated with the Contractor's inability to provide properly trained personnel, costs of training Contractor's workers, or hiring of required personnel.

1.7 REGULATORY INDEMNIFICATION

A. The DISTRICT will not indemnify against liability of the Contractor resulting from the activities or duties, which are the responsibility of the Contractor under the terms of this Contract. This includes, but is not limited to, liability arising from the arrangement of transportation of excavated material, whether on- or off-site. Therefore, the DISTRICT will not assume any liability, present or future, incurred by the Contractor by reason of these activities.

B. The Contractor is specifically alerted to, and shall familiarize itself and its Subcontractor(s) to, the liability statutes of:

1. The Comprehensive Environmental Responses, Compensation, and Liability Act (CERCLA) of 1980 found in 42 USC, Section 9601 et seq.

2. The Superfund Amendments and Re-authorization Act (SARA) of 1986 found in 42 USC, Section 9601 et seq.

3. The California Hazardous Substance Account Act (HSAA) of 1981 found in California Health and Safety Code, Section 25300 et seq.

4. California Health and Safety Code, Division 20, Regulations and CCR 22 Section 6600 et. seq.

5. Cal/OSHA Lead in Construction Standard, Title 8, CCR, Section 1532.1.

6. SCQMD Regulations

7. The Final Regulation Order of the California Code of Regulations (CCR) Title 17, Public Health, Section 93105, on Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations (http://www.arb.ca.gov/toxics/atcm/asb2atcm.htm).

C. The Contractor shall be responsible for all liability and costs necessary to prevent its own or Subcontractors' operations from violating federal, State, or local statues, laws, regulations, and policies.

1.8 REQUIREMENTS FOR THE TRANSPORTER

A. As warranted, the Contractor shall ensure that its drivers as well as the subcontractor drivers have in their possession, during the hauling of material and soil, all applicable California State and local vehicle insurance requirements, valid driver's license, and vehicle registration and licensing. A current Class 1 Certificate of Compliance from the California Highway Patrol shall be affixed to each vehicle.

B. All hazardous materials/waste haulers shall possess a Hazardous Substance Removal Certification granted by the State of California, Contractors State License Board (1 800-321-2752 or http://www.cslb.ca.gov), and all other required certifications and insurance.

C. Haul trucks carrying excavated material shall be loaded so that the material does not extend above the walls of the truck bed, and there is no leakage from any vehicle.

D. All loads require covering and lining underneath, regardless if the material is wet, hazardous, or non-hazardous.

E. The Contractor shall be responsible for cleaning up excavated material spill, which occurs during loading, handling, and transportation.

F. Preparation for shipment: Marking, labeling, placards, and packaging prior to transport shall be in accordance with all regulations and shall be the responsibility of the Contractor.

1.9 USE OF NON-HAZARDOUS WASTE MANIFEST FOR CLASS II & CLASS III MATERIAL OR LESSER

A. For transportation and disposal of the waste, the Contractor shall provide and prepare for the DISTRICT and/or the DISTRICT'S CONSTRUCTION MANAGER's signature, a Non-Hazardous Waste Manifest form obtained from the landfill provider. The Non-Hazardous Waste Manifest form shall be completed for each vehicle carrying excavated material classified as California Class II and Class III designated waste, or of a lesser waste classification. The Contractor shall submit the Non-Hazardous Waste Manifest form to the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER for the Generator's signature at least 72 hours in advance of the day of the off-haul with an estimate of the number of loads scheduled for off-haul. The Non-Hazardous Waste Manifest form shall contain the following information before providing the final copy for the DISTRICT and/or the DISTRICT'S CONSTRUCTION MANAGER to sign:

1. Name, address and phone number of the Generator, Project name, and Specification Section number.

2. The Contractor's billing information

3. The soil profile approval number and description of the waste.

4. Name, address and phone number of the transport company.

5. The Name, address, and telephone number of the receiving facility i.e., disposal facility.

B. The DISTRICT will not be responsible for off haul delays if the Contractor does not notify the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER in a timely manner to sign the Non-Hazardous Waste Manifest forms.

C. On a monthly basis, the Contractor shall provide the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER with a copy of each completed Non-Hazardous Waste Manifest Form (with the landfills signature) and its corresponding certified weight ticket.

1.10 HAZARDOUS WASTE MANIFESTING PROCEDURES FOR CLASS I MATERIAL

A. As warranted, the Contractor shall furnish all labor, materials, equipment, and incidentals required to transport those materials identified as hazardous waste for the purpose of disposal.

B. The Contractor shall comply with all applicable regulatory requirements listed as well as other applicable federal, State, or local laws, codes, and ordinances, which govern or regulate transportation of wastes (including but not limited to DOT-HM 181 in accordance with 49 CFR 172).

C. All material classified as hazardous waste (Federal Class1 RCRA and California Class1 non-RCRA wastes only) shall be hauled off using a licensed hazardous waste transporter and the uniform hazardous waste manifest form (DTSC Form 8022A and/or EPA Form 8700-22 a.k.a. the manifest).

D. Preparation and handling of waste manifests:

1. The Contractor shall provide and prepare the waste manifests and landfill profiles for each shipment of hazardous wastes from the site. The Contractor is hereby notified that hazardous waste manifest, waste profiling, and landfill service agreements have to be prepared and have to be approved by the landfill in advance of the off-haul. The Contractor shall consult with the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER for local requirements in filling out the forms.

    a. The manifest shall describe the contents of each truck carrying materials to the waste disposal site, including the weight of the waste materials. Weight, not volume, shall be used to measure waste quantities.

    b. The DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER will provide a hazardous waste generator identification number for use on the manifest. The Contractor shall provide the State Transporter identification number and telephone number.

    c. The licensed transporter shall also sign and date the manifest indicating that it has accepted the load described in the manifest on that particular day.

    d. Only a DISTRICT employee (and not the Contractor) will sign the manifest for the "generator" of the waste.

2. The Contractor shall notify the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER 72 hours prior to off-haul of all excavated material. If the manifest and other forms above are to be signed by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER during periods other than the hours stipulated above, the Contractor shall give an additional 72-hour advance notice to the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER.

3. The DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER will sign and keep the Generator's copy and give the remaining copies to the licensed transporter.

4. The licensed transporter shall carry the hazardous waste manifest with each truckload using the traffic control approved routes for off haul

5. Within 2 days of its return, the Contractor shall provide the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER with the completed waste manifest. The completed waste manifest shall be certified by the receiver of the waste shipment, confirming that the shipment was received at the waste treatment or disposal facility designated in the Contractor's bid, and certifying the weight of the shipment.

6. Should any waste manifest not be returned within 35 days of shipment, the Contractor shall initiate follow-up, shall document such follow-up effort in writing with an Exception Report in accordance with 40 CFR 262.42 and/or 22 CFR 66262.42, and shall provide a copy to the DISTRICT And the DISTRICT'S CONSTRUCTION MANAGER.

E. Mandatory DISTRICT Information for the Manifest

1. Manifest Item 1: Generator's US EPA ID Number for Project. (Will be provided by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER after NTP as deemed necessary)

2. Manifest Item 3: Emergency response Phone: # 24 hours line to be provided by the Contractor.

3. Manifest Item 5:

   a. Generator's Name and Mailing Address: TBD

   b. Generator's Site Address: TBD

4. Manifest Item 14: The following information is mandatory:

   a. Contract Number & Name of Project

   b. Project Manager to be provided by DISTRICT

   c. Project Manager Phone Number #: to be provided by DISTRICT

5. Include the following statement for soil disposal on line 14 of the manifest: TBD in accordance with H&SC 25174.7, 25174.1; 25205.5, and 25345. (1) Hazardous wastes which result when a government agency, or its contractor, removes or remedies a release of hazardous waste in the state caused by another person.

1.11 UNDERGROUND TANK REMOVAL PROCEDURES (By ALLOWANCE ONLY)

A. The Contractor is alerted to the fact that underground structures and tanks may be encountered during excavation. In the event that an underground storage tank, pipes, and associated fixtures are encountered, the Contractor shall immediately suspend the work in the immediate area and notify the DISTRICT.

B. The DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER reserves the right to use DISTRICT forces or DISTRICT Contractors to remove any underground storage tank that may be discovered as part of this Contract. The Contractor shall work

cooperatively with any DISTRICT Contractor or DISTRICT force in an effort to expedite the removal of the underground tank.

C. If directed by the DISTRICT, the Contractor under differing site conditions, shall be responsible for removing and disposing the underground storage tank, pipes, and associated piping in the excavation area according to applicable laws and regulations including:

1. California Health and Safety Code (H&SC), Division 20, Chapter 6.9 (Section 25280 et.seq.)

2. California Code of Regulations (CCR), Title 23, Division 3, Chapter 16 (Section 2610 et.seq.)

3. California State Water Resources Control Board (SWRCB), Leaking Underground Fuel Tank (LUFT) Manual.

4. Los Angeles County Fire Department Underground Storage Tank Removal Regulations.

D. The Contractor shall obtain all permits, excavate, sample, analyze and prepare all reports as required by the DISTRICT's Department of Public Health.

E. The Contractor shall remove the underground tanks, pipes, and associated piping only in the presence of an inspector from the Los Angeles County Fire Department.

F. The Contractor shall furnish three (3) copies of the draft report for review, and five (5) copies of the final report documenting the removal of an underground tank.

G. Such work will be considered as change order work.

1.12 DISPOSAL OF RAILROAD TIES AND TREATED WOOD WASTE

A. Railroad ties and wood treated with preservatives (e.g. utility poles, piers, pilings, posts, pressure treated lumber, etc), such as creosote, and/or pentachlorophenol, and/or Copper Napthenate, Zinc Napthenate, and/or Copper, Chromium, Arsenate (CCA), and/or Ammonical Chromium, Zinc, and Arsenate (ACZA) (that are not otherwise recycled by the Contractor) shall be transported and disposed of at a California Class 2 (non-hazardous) landfill.

B. The Contractor shall fill out a separate waste profile with the landfill for such materials.

C. The transportation and disposal of the railroad ties and treated wood waste shall be paid as a change order.

1.13 POLLUTION INSURANCE

A. All Work that involves the management, handling, transportation, and disposal of hazardous and contaminated (non-hazardous) materials shall be performed either by the Contractor or a properly licensed subcontractor, who shall furnish evidence of Contractor's Pollution Liability Insurance. This insurance coverage shall be included in the event that hazardous/contaminated material is discovered during the course of the Work, and the Contractor or its subcontractor is required to perform abatement or disposal of such material.

B. In the event that hazardous/contaminated material is discovered during the course of the Work, and the Contractor or its subcontractor is required to perform abatement or disposal of such material, then the Contractor or its subcontractor, who performs
abatement of hazardous or contaminated materials removal shall maintain in force, throughout the term of this Contract, Contractor's pollution liability insurance with limit not less than $1,000,000 each occurrence combined single limit (true occurrence form), including coverages for on-site or off-site third party claims for bodily injury and property damage, with any deductible not to exceed $50,000 each occurrence.

PART 2 – PRODUCTS

NOT USED

PART 3—EXECUTION

3.1 TEMPORARY STOCKPILING OF EXCAVATED MATERIAL AND IMPORT MATERIAL

A. The Contractor is not permitted to stockpile excavated materials, backfill materials, or import materials overnight along the project alignment.

B. If feasible and in the event that the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER permits the Contractor to temporarily stockpile excavated and import material along the project alignment, the following conditions shall apply:

1. Material shall be stockpiled at a location approved by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER. The volume of the stockpile will be limited within the discretion of the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER.

2. Stockpiled materials shall not be stored for more than 48 hours.

3. The DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER retains the right to suspend the use of temporary stockpiling in the event of negative public perception, aesthetic concerns, and regulatory concerns. In such an event, the Contractor is directed to remove the stockpile within 24 hours.

4. After a stockpile has been removed, the Contractor shall wet sweep and vacuum the area, street, and sidewalk to remove residual soil.

C. All costs associated with the temporary stockpiling of soils shall be borne by the Contractor, unless necessitated by an event that is otherwise compensable under the terms of the Contract. Such related incidental costs include, but are not limited to dust control, vacuum and wet sweeping, covering of stockpiles, multiple handling and transportation, multiple staging, work re-sequencing or rescheduling, time loss and standby time due to the duration of storage, and complying with federal, State, and local requirements.

3.2 REUSE OF EXCAVATED SOILS AS BACKFILL

A. <u>For work under the jurisdiction of the CITY OF COMPTON's Water Department:</u> For all water pipeline trench excavation under the jurisdiction of the CITY OF COMPTON's Water Department, the Contractor shall use clean import sand to backfill trench/excavation that shall meet the standard specifications of the Water Department. The Contractor shall not reuse existing soils excavated from the trench.

B. For other work **not** under the jurisdiction of the CITY OF COMPTON's Water Department: The Contractor shall maximize the reuse of soils from the excavation, unless directed otherwise by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER. In such a case, the following conditions shall apply:

1. The reuse of soils as backfill material shall meet the requirements of Section 31 23 23, Excavation and Fill for Utilities.

2. The Contractor shall maximize reuse of soils onsite. With the DISTRICT's approval, excess soils may only be used in the same area. Excess materials from the remainder of the site may be used anywhere onsite, as long as it meets the engineering backfill and compaction requirements, is delineated with markers, documented.

3. Asphalt, un-crushed existing concrete, bentonite, bay mud, clay, bricks, cobblestones, rocks, rubble, scrap metal, railroad tracks and ties, debris, imported contaminated soils, vegetation, wood, debris, obstructions, and other organic, unsound, or deleterious matter will not be accepted as backfill material. The Contractor shall remove such materials matter prior to the placement and reuse of fill.

4. The Contractor shall notify the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER when and where the soils are used as backfill.

3.3 REUSE AND RECYCLING OF EXCAVATED SOILS AT OTHER FACILITIES

A. If the Contractor seeks to reuse or recycle surplus excavated soils at other projects or recycling facilities rather that dispose of them at a permitted landfill, the contractor at its cost shall:

1. Demonstrate that with the existing environmental test results that the soils can be reused or recycled. The Contractor at its expense may be allowed to conduct additional testing, and characterization of the soils, only with the DISTRICT's prior approval.

2. Submit the acceptance criteria of the receiving facility or project.

3. Submit a letter of acceptance from the receiving facility or project. The letter shall indicate the volumes of soils accepted. Submit a value engineering calculation demonstrating cost savings to the DISTRICT. Savings should be a spilt 50/50.

B. If the DISTRICT accepts the above, the Contractor shall prior to reuse or recycling:

1. Incur on the risk of, and indemnify the DISTRICT from any and all increased cost and future liability arising from the reclassification, recycling, or reuse or the surplus excavated soils if, upon reuse or recycling of such soils at any time thereafter, it is determined that the surplus excavated soils are in fact hazardous, and should not have been reused or recycled.

2. Submit a copy of the letter of acceptance and all records, including the financial statements for the value engineering saving prior to the approval of the reuse or recycling of these soils.

3. Bear all costs for any additional testing, characterization and profiling of the soils, including the value engineering cost.

4. Bear all costs for the transportation, and any other associated cost for moving

these soils to another project or to a recycling facility.

5. Revise and retain its Pollution Liability insurance to cover this work.

6. Repay any cost that the DISTRICT at its discretion will incur to conduct its own testing to confirm the Contractor's findings.

7. Submit a monthly Reuse and Recycling spreadsheet of all reused and recycled materials generated from the project. The spreadsheet shall include information of the receiving facility or project, quantity transported (Cubic Yards), weight tags from the recycling facility.

8. The DISTRICT will issue a Change Order for this work to effectuate any saving that may accrue from this Section.

9. Such work will only be done as a change order after the acceptance and approval of the DISTRICT and after the change order is processed.

3.4 IMPORT MATERIAL

A. In advance of hauling in and use of any import material, the Contractor shall provide chemical analytical results in accordance with the Recommended Fill material sampling schedule stated in the Department of Toxic Substances Control (DTSC) Advisory Note for Clean Imported Material. One four-point composite per source for the same soil type, but a minimum of one four-point composite per 500 cubic yards shall be analyzed. Analyze each sample for Total Petroleum Hydrocarbons-Gasoline/BT EX/MTBE (EPA Method 8015 mod/8021), TPH-Diesel/Motor Oil (EPA Method 8015 with silica gel cleanup), Volatile Organic Carbons VOC's (EPA Method 8260), Semi-Volatile Organic Carbons SVOC's (EPA Method 8270), Organochlorine Pesticides (EPA Method 8081), Polychlorinated Biphenyls (EPA Method 8082), Title 22 Metals (EPA Methods 6000/7000 Series), Asbestos (CARB Method 435), Chromium +6 (EPA Method 7199), and soluble Total Concentration Leaching Potential (TCLP) and Soluble Threshold Limit Concentration (STLC) metals as warranted.

B. Analytical costs for imported fill material incurred by the Contractor shall be Incidental Work to Section 31 00 00, Earthwork, and Section 31 23 33, Trenching and Backfilling.

C. The Contractor shall furnish the above analytical results at least 10 working days prior to bringing in the import material. The acceptance of import fill will be made by the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER and will depend on the results of the analytical testing, backfill requirements in this Section, regardless if it meets the testing requirements of Section 31 00 00, Earthwork, Section 31 23 33, Trenching and Backfilling, and has to be equal or less than the values set forth in the RWQCB's Environmental Screening Levels (ESLs), Volume1, Table A for Surface Soils - Residential Land Use Permitted. In addition, Total Petroleum Hydrocarbons or Oil and Grease of any type shall not exceed 100 mg/kg. Import fill shall not be brought on-site, prior to the DISTRICT and the DISTRICT'S CONSTRUCTION MANAGER's approval of the analytical results submittal. Analytical results submitted shall be referenced on the import fill spreadsheet submittal. Analytical costs for imported fill material incurred by the Contractor shall be Incidental Work to Section 31 23 33, Trenching and Backfilling. The acceptance of import fill shall also be concurrent with the approval on the results of the analytical testing and compliance with Section 31 23 33, Trenching and Backfilling.

C. Asphalt, crushed concrete, bentonite, bay mud, clay, bricks, cobblestones, rocks, rubbles, scrap metal, railroad tracks and ties, debris, serpentine, soils containing

asbestos, imported contaminated soils, vegetation, wood, debris, obstructions, and other organic, unsound, or deleterious matter will not be accepted as Import Fill material.

D. Import material shall be brought on-site at a rate where it is immediately used in the excavation. If the DISTRICT allows for import material to be stored overnight (only, and not longer) on site, then such import material shall be covered and placed at the Contractor's soils management yard, approved soil stockpile staging area or an area within the project alignment authorized by the DISTRICT or the DISTRICT'S CONSTRUCTION MANAGER. Stockpiles being stored overnight shall be completely covered with 10-mil HDPE plastic and weighted or tied down securely.

E. Import Fill Spreadsheet: As warranted, the Contractor shall submit five hardcopies or a digital copy of a monthly spreadsheet of all imported fill deposited at the project site to the DISTRICT or the DISTRICT'S CONSTRUCTION MANAGER. The spreadsheet shall include information on the project name, contract No., origin of import (street address, city), location of deposit (street address and depth range), quantity (cubic yards), soil type, correspondent environmental analytical results submitted, truckers and trucking firm(s) used and trucking logs and invoices.

3.5 SECURING AREAS WITH EXPOSED, EXISTING SOIL

A. Wherever construction work exposes the existing soil or where existing soil is stockpiled, these areas shall be barricaded all around with continuous (no gaps greater than 4 inches) fencing (either metal wire or orange plastic), Triton barriers or other barricades at least 3 feet high. The Contractor shall ensure that barricades are installed taunt and secured against strong winds. Alternatively, the exposed, existing soil in excavation areas such as trenches, may be covered over with plates or other acceptable means. The intent is to secure the exposed, existing soil from public contact.

END OF SECTION

SECTION 31 20 05

TRENCHING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Excavating and backfilling trenches for utilities and pits for buried utility structures.

B. Related Sections:

1. Division 22 & 26 Sections as applicable for underground mechanical and electrical utilities and buried mechanical and electrical structures.
2. Section 31 200 - Earthwork for soil types and earth moving.

1.3 DEFINITIONS

A. Utility: Any buried or above ground piping, conduit, ducts, and cables, as well as underground services within buildings.

1.4 SUBMITTALS

A. Product Data: For each type of the following manufactured products required:

1. Warning tapes.

1.5 PROJECT CONDITIONS

A. Existing Utilities: Utility locations are based on information provided by the Survey and limited above grade site observation. The locations of indicated utilities shall be considered approximate only until exposed by the Contractor.

1. Maintain existing utilities in constant service during construction of the Work.
2. Utility Locator Service: Notify utility locator service for area where Project is located before beginning trenching operations.

B. Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities during trenching operations.

1. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction.
2. Provide alternate routes around closed or obstructed traffic ways if required by Owner or authorities having jurisdiction.

C. Do not commence trenching operations until temporary erosion and sedimentation control measures are in place.

D. Do not commence earth moving operations until plant and landscape protection measures are in place.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS

A. General: Provide borrow soil materials when sufficient satisfactory soil materials are not available from excavations. The acceptance of borrowed soil materials shall be subject to review and approval by the District.

B. Satisfactory Soils:

1. Soil Type S1: Excavated and re-used material, graded, free of lumps larger than 3 inches, rocks larger than 2 inches, and debris.
2. Soil Type S2: Excavated and reused material, graded, free of roots, lumps greater than one inch, rocks larger than ½ inch, debris, weeds and foreign matter.
3. Soil Type S3: Imported topsoil, friable loam; reasonably free of roots, rocks larger than
   ½ inch, debris, weeds, and foreign matter.
4. Soil Type S4: Imported borrow, suitable for purposes intended, free of vegetable matter and other unsatisfactory material, with minimum R value of 10.

C. Sand: ASTM C 33; fine aggregate.

2.2 ACCESSORIES

A. Warning Tape: Acid- and alkali-resistant, polyethylene film warning tape manufactured for marking and identifying underground utilities, 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility.

1. Detectable Warning Tape: Provided detectable warning tape for underground utilities that would otherwise not be detectable by above ground utility locating methods. Detectable warning tape shall include metallic core encased in a protective jacket for corrosion protection and be detectable by a metal detector when tape is buried up to 30 inches deep.
2. Colors: Warning tape shall be colored as follows:

   a. Red: Electric.
   b. Yellow: Gas.
   c. Orange: Telephone and other communications.

d. Blue: Water systems.
e. Green: Sewer systems.

PART 3 - EXECUTION

3.1 PREPARATION

A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by trenching operations.
B. Locate, identify, and mark existing underground utilities.
C. Protect plant life, lawns, trees, shrubs, and other features not authorized for removal.
D. Protect and maintain erosion and sedimentation controls during trenching operations.
E. Protect subgrades and foundation soils from freezing temperatures and frost. Remove temporary protection before placing subsequent materials.
F. Comply with all provisions of the Construction Safety Orders and General Safety Orders of the California Division of Industrial Safety, as well as all other applicable regulations as they pertain to the protection of workers from the hazard of caving ground in excavations.
G. Prevent surface water and ground water from entering excavations and from flooding Project site and surrounding area. Protect excavations from softening and damage by rain or water accumulation.

    1. Reroute surface water runoff away from excavated areas. Do not allow water to accumulate in excavations. Do not use excavated trenches as temporary drainage ditches.

3.2 EXCAVATION FOR UTILITY TRENCHES

A. Provide protection for all open excavations, backfill trenches on same day in which excavation occurs to avoid leaving excavations open overnight.
B. Excavate trenches to lines, depths, and widths required for installation of utilities.
C. Cut trenches just wide enough to enable installation of utilities and proper backfill, and to allow inspection.
D. Employ equipment and methods appropriate to the work site. Small mechanical excavators may be used only in areas where there is sufficient space so as not to damage adjacent improvements, and where the locations of all existing utilities have been determined.
E. Use hand excavation methods to locate and expose existing utilities along the route of the new work prior to using any mechanical equipment. If mechanical equipment is allowed at a particular location, it may only be used after the completion by the Contractor of a successful exhaustive search by hand methods to locate all existing facilities as indicated on the plans, and as indicated on the ground by utility locating service or Owner.
F. When excavating through tree roots, perform work by hand and cut roots, where authorized, with a saw.
G. Excavate trenches to provide not less than the minimum cover required.
H. Do not interfere with 45 degree bearing splay of foundations.
I. Hand trim excavations for bell and spigot pipe joints. Remove loose matter.
J. Place and compact bedding course on trench bottoms and where indicated. Shape bedding course to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits.
K. Excavate trenches, pits or holes bottoming in hardpan to a minimum of 6 inches below the grade for the bottom of the pipe and any couplings, and then backfill to the pipe grade with satisfactory soil material, thoroughly compacted. No additional payment will be made for such over-excavation and refill.

L. In trenches where a firm foundation is not encountered, such as soft, spongy, or otherwise unsuitable material, remove the material to a minimum of 12 inches below the bottom of the proposed pipe or structure, or to a depth determined by the Engineer, and backfill the space with satisfactory soil material containing sufficient moisture to produce maximum compaction. No additional payment will be made for such additional excavation or backfill.

M. Stockpile excavated material to be returned to trench adjacent to trench in location which will not be detrimental to existing improvements, trees, or pedestrian or vehicular traffic. Cover to prevent windblown dust. Remove unsuitable or excess material not being used, from site.

3.3 BACKFILL FOR UTILITY TRENCHES

A. Prior to placing backfill in excavations, complete the following:

1. Survey locations of underground utilities for Record Documents.
2. Test and inspect underground utilities.
3. Remove trash and debris.
4. Remove temporary shoring and bracing.

B. Backfilling and Compaction: Carefully place and compact backfill of satisfactory soil materials as follows:

1. Initial Backfill: Place initial backfill of satisfactory soil free of particles larger than 1 inch in any dimension, to a height of 12 inches over the pipe or conduit. Carefully compact initial backfill evenly on both sides and along the full length of piping or conduit to avoid damage or displacement of piping or conduit.
2. Subsequent Backfill: Place backfill of satisfactory soil material in layers not more than 8 inches in loose depth and carefully compact.
3. Final Backfill: Place final backfill in thickness required, but not more than 8 inches, to achieve final subgrade elevation after compaction and as required for grading.
4. Compaction: Compact soil using hand operated tampers or lightweight power operated tamping equipment that will not damage or displace installed utilities. Compact each layer of backfill to not less than the following percentages of maximum dry unit weight according to ASTM D 1557:

    a. Turf or Unpaved Areas: 85%.
    b. Areas Under Paving: 93% for the top 24 inches below the subgrade elevation, 85% for depths over 24 inches below the subgrade elevation.

C. Trenches under Roadways: Provide 4-inch thick, concrete-base slab support for piping or conduit less than 30 inches below surface of roadways. After installing and testing, completely encase piping or conduit in a minimum of 4 inches of concrete before backfilling or placing roadway subbase course. Concrete is specified in Division 03 Section "Cast-in-Place Concrete."

D. Install warning tape directly above utilities, 12 inches below finished grade, except 6 inches below subgrade under pavements and slabs.

E. Soil Moisture Control: Uniformly moisten or aerate soil materials before compaction to within 2 percent of optimum moisture content.

1. Do not over moisten or flood trenches to move or settle soil materials.
2. Do not place backfill or fill soil material on surfaces that are muddy, frozen, or contain frost or ice.
3. Remove and replace, or scarify and air dry, otherwise satisfactory soil material that

exceeds optimum moisture content by 2 percent and is too wet to compact to specified dry unit weight.

F. Grading: Uniformly grade areas to be smooth and flush with adjacent grade free of irregular or abrupt surface changes. Provide final grading in turf or landscaped areas where no further grading will occur.

3.4 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified geotechnical engineering testing agency to perform tests and inspections.
B. Allow testing agency to inspect and test each fill or backfill layer. Proceed with subsequent Work only after test results for previously completed work comply with requirements.
C. Testing agency will test compaction of soils in place according to ASTM D 1557. Tests will be performed at the following locations and frequencies:

1. Trench Backfill: At each compacted initial and final backfill layer, at least one test for every 150 feet or less of trench length, but no fewer than two tests.

D. When testing agency reports that backfills have not achieved degree of compaction specified, scarify and moisten or aerate, or remove and replace soil materials to depth required; recompact and retest until specified compaction is obtained.

3.5 PROTECTION

A. Where settling occurs before Project correction period elapses, remove finished surfacing, backfill with additional soil material, compact, and reconstruct surfacing.

1. Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to greatest extent possible.

3.6 DISPOSAL OF SURPLUS AND WASTE MATERIALS

A. Remove surplus satisfactory soil and waste materials, including unsatisfactory soil, trash, and debris, and legally dispose of them off Owner's property.

- END OF SECTION -

SECTION 31 23 15

DEWATERING

PART 1 -- GENERAL

1.01 THE REQUIREMENT

A. The CONTRACTOR shall provide and maintain at all times during construction, ample means and devices with which to promptly remove and properly dispose of all water from any source entering the excavations or other parts of the Work. Dewatering shall be accomplished by methods which will ensure a dry excavation and preserve the final lines and grades of the bottoms of excavations.

B. Standing water in excavations will not be allowed. The CONTRACTOR shall maintain a dry working area for excavations.

C. CONTRACTOR shall follow all county and state requirements.

D. No geotechnical work was performed for this project.

E. Design of dewatering systems and methods should be the sole responsibility of the CONTRACTOR. The CONTRACTOR's dewatering plans must take into consideration the subsurface conditions at the site. The CONTRACTOR shall independently evaluate dewatering systems and make his own selection of appropriate dewatering techniques that meet the project requirements. The ground support and dewatering systems are interdependent and, as such, the ground support and dewatering systems shall be submitted by the CONTRACTOR at the same time for review.

F. Whatever dewatering systems are used, the ground support and dewatering system should together meet all of the following minimum requirements:

1. Provide stable excavation walls and bottom.

2. Provide dry base of excavation.

3. Filter native soil and prevent loss of ground through piping.

4. Prevent hydrostatic uplift pressure during construction.

5. Preserve the undisturbed bearing capacity of the soils below the base of the excavation.

6. Where shoring is not designed to resist hydrostatic pressures, draw down the groundwater level below and beyond the excavation sidewalls.

1.02 CONTRACTOR SUBMITTALS

A. Submittals for items specified herein shall be submitted by the CONTRACTOR and shall be in accordance with the Contract Documents.

B. A copy of this specification section, with any addendum updates included, and all

referenced and applicable sections, with any addendum updates included, shall be submitted with each paragraph check-marked to indicate specification compliance or marked to indicate requested deviations from specification requirements. Check marks (□) shall denote full compliance with a paragraph as a whole. If deviations from the specifications are indicated, and therefore requested by the CONTRACTOR, each deviation shall be underlined and denoted by a number in the margin to the right of the identified paragraph. The remaining portions of the paragraph not underlined will signify compliance on the part of the CONTRACTOR with the specifications. The submittal shall be accompanied by a detailed, written justification for each deviation. Failure to include a copy of the marked-up specification sections, along with justification(s) for any requested deviations to the specification requirements, with the submittal shall be sufficient cause for rejection of the entire submittal with no further consideration.

C. Submittals shall be provided to confirm that materials to be used comply with information specified herein.

D. The CONTRACTOR shall submit plans of the proposed dewatering system. Plans shall be prepared and stamped by a Civil or Structural Engineer registered in the State of California. The CONTRACTOR shall be in receipt of the DISTRICT's written acceptance of the CONTRACTOR's dewatering plan before commencing excavation.

PART 2 -- PRODUCTS

2.01 EQUIPMENT

A. Dewatering, where required, may include the use of well points, sump pumps, temporary pipelines for water disposal, rock or gravel placement, and other means. Where pumping equipment is used, a standby unit of equal size shall be maintained on the jobsite.

PART 3 -- EXECUTION

3.01 GENERAL

A. Dewatering for pipelines and structures shall commence after a dewatering plan is accepted by the DISTRICT and before groundwater is first encountered, and shall be continuous until such times as water can be allowed to rise in accordance with the provisions of this Section or other requirements.

B. The bottoms of all major excavations shall be graded (sloped) such that water will drain downslope or toward the perimeter, or toward drains or a sump.

C. Excavations shall be maintained in a dry condition during the construction period. If groundwater, sewer, or rainwater is encountered in excavations, then dewatering shall be employed to remove or control inflows.

D. If foundation soils are disturbed or loosened by the upward seepage of water or an uncontrolled flow of water, the affected areas shall be excavated and replaced with drain rock at no additional cost to the DISTRICT.

E. No concrete shall be laid in water, nor shall water be allowed to rise over them until the concrete has set at least 24 hours. Water shall not be allowed to rise unequally against walls for a period of 28 days.

F. The CONTRACTOR shall dispose of water from the Work in a suitable manner without damage to adjacent property. Conveyance of the water shall be such as to not interfere

with traffic flow. No water shall be drained into work built or under construction without prior consent of the DISTRICT'S CONSTRUCTION MANAGER. Water shall be filtered using an approved method to remove sand and fine- sized soil particles before disposal into any system.

G. The system used for the removal of sand and fines from the water shall be a baffled structure and shall provide not less than five minutes detention time, and shall be designed to have a "flow through" velocity not exceeding 0.2 feet per second at the anticipated peak flow. The de-sanding box shall be cleaned as required to maintain the detention time and flow through limitations specified above. Water shall be disposed of in such a manner not to cause a menace to public health.

H. At the completion of the work, the CONTRACTOR shall:

1. Remove all baffles, structures, filters, and other temporary facilities.

2. Fill all holes and depressions.

3. Properly dispose of all sedimentation.

4. CONTRACTOR shall dismantle and remove from the site all components of the dewatering system(s). Well casings may be cut off 3 feet below grade and filled with lean concrete grout, for abandonment in place, if the DISTRICT'S CONSTRUCTION MANAGER approves.

I. Water from dewatering operations may be disposed of at one of two locations into the DISTRICT's wastewater collection system if no rocks or dirt are present. CONTRACTOR shall pump groundwater to Baker Tank(s) or 5000 gallon trucks and dispose of water at a sanitary sewer manhole approved by the District. Traffic control is required for discharging into the manhole. The discharge truck(s) shall be provided with screen/filter, and the DISTRICT'S CONSTRUCTION MANAGER shall witness disposal to confirm no rocks or dirt are present. Baker Tank(s) may be used only if permission is obtained from the District and from the City of Compton and Los Angeles County as applicable. Discharge of such water will be allowed only if the quantity and quality of the water will not impact the ability of the sanitary sewers and pumping station(s) to convey sanitary sewage. If discharge of water is not allowed into the sanitary sewer system during period of high flow, the CONTRACTOR shall temporarily store water in Baker Tank(s) for later discharge to the aforementioned manholes, or discharge water in an alternate acceptable manner. All approvals and permits for water discharge shall be the responsibility of the CONTRACTOR.

J. The CONTRACTOR shall not cause or allow contaminants from construction activities to enter into the water from dewatering operations or into the sanitary sewer system.

- END OF SECTION -

SECTION 31 25 00

EROSION AND SEDIMENT CONTROL

PART 1 - GENERAL

1.1 SUMMARY

A. Provide all material, labor, and equipment necessary to perform the work as shown on Drawings and as specified herein.

B. This SECTION includes:

1. Erosion and sediment control best management practices (BMPs)

C. Related Technical SECTIONS

1. SECTION 31 00 00 EARTHWORK
2. SECTION 01 56 26 TEMPORARY FENCING
3. SECTION 32 92 19 SEEDING

1.2 REFERENCES

A. General

1. The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.
2. Where a date is given for reference standards, the edition of that date shall be used. Where no date is given for reference standards, the latest edition available on the date of Notice Inviting Bids shall be used.

B. American Society for Testing and Materials (ASTM)

1. ASTM D4354, (2012) Sampling of Geosynthetics for Testing
2. ASTM D4759, (2011) Determining the Specification Conformance of Geosynthetics
3. ASTM D4873, (2002; R 2009) Identification, Storage, and Handling of Geosynthetic Rolls and Samples
4. ASTM D6460, (2012) Standard Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Earthen Channels from Stormwater-Induced Erosion
5. ASTM D5035, (2011) Breaking Force and Elongation of Textile Fabrics (Strip Method)
6. ASTM D3776/D3776M, (2009a; R 2013) Standard Test Method for Mass Per Unit Area (Weight) of Fabric

C. California State Water Resources Control Board (SWRCB), www.swrcb.ca.gov/water_issues/programs/stormwater

D. California Department of Transportation (Caltrans)

1. Manual of Traffic Controls for Construction and Maintenance Work Zones
2. Construction Site Best Management Practices Manual

1.3 SUBMITTALS

A. Submit product samples and manufacturer's data sheets for all erosion and sediment control products to be used, including the following.

1. Manufacturing Quality Control Sampling and Testing
2. Quality Assurance Samples and Tests
3. Certificates (erosion control blanket)

1.4 SEQUENCING AND SCHEDULING

A. Contractor shall install temporary construction fence per SECTION 01 56 26 TEMPORARY FENCING as shown on Drawings prior to breaking ground.

B. Contractor shall be responsible for coordination and timing of erosion and sediment control materials delivery to Project site.

C. Verification of Conditions prior to erosion control blanket (ECB) installation:

1. Finish Grades: Finish grades shall have been established. Verify acceptance of grades per SECTION 31 00 00 EARTHWORK prior to installation of ECB.
2. ECB shall be placed within 48 hours after finish grading of an area is completed or within two (2) working days of approval of seeding by District's Construction Manager, whichever comes last.
3. Exception: if there is a chance of rain greater than 50%, or if exposed soils will not be stabilized for more than 14 days, exposed soils shall be temporarily covered with ECB until conditions permit removal.

1.5 QUALITY ASSURANCE

A. Contractor shall appoint a superintendent experienced in applying erosion and sediment control BMPs for SWPPP compliance who shall be onsite during the entire duration of construction.

B. District's Construction Manager will inspect and approve all erosion and sediment control materials prior to installation.

1. ECB acceptance shall be based on ASTM D4759. Materials not meeting the specified requirements will result in the rejection of applicable rolls.

C. Contractor Qualifications

1. At the time of bid, Contractor shall provide a list of three (3) projects that demonstrate previous experience in completing erosion and sediment control work similar in type, scope, and scale to the elements described on Drawings and herein.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Contractor shall receive erosion control materials and follow manufacturers' recommendations for storage and handling.

1. Deliver, store, and handle Jute Mesh in accordance with ASTM D4873.

B. Contractor shall be responsible for the proper storage, handling, and protection of erosion and sediment control materials once they are delivered to Project site.

C. After delivery, Contractor shall be responsible for replacement of any damaged erosion and sediment control material, as determined by District's Construction Manager at no expense to District.

1.7 WARRANTY

A. Warrant that all disturbed areas in each Work area treated with erosion and sediment control measures are stabilized with healthy vegetation planted under this Contract through final acceptance of contract work.

B. Exclusions: Contractor shall not be held responsible for failures due to neglect by District, vandalism, and acts of Nature, during Warranty Period. Report such conditions.

1.8 REPLACEMENTS

A. Failed Materials:

1. Repair and/or replace at no cost to District all erosion and sediment control materials exhibiting conditions which are determined as unacceptable due to workmanship by the Contractor.

B. Incorrect Materials:

1. During Warranty Period, replace at no cost to District erosion and sediment control materials revealed as being untrue to Drawings or this Specification under direction of the District's Construction Manager.
2. Provide replacements of quality to match the erosion and sediment control materials at the time the mistake is discovered.

PART 2 - PRODUCTS

2.1 GENERAL

A. Materials not conforming to these Specifications and requirements shall remain the property of Contractor and shall be removed from the job site at no additional cost to District.

B. A minimum of 7 days prior to scheduled use, submit manufacturer's certificate of compliance stating that the ECB meets the requirements of this SECTION.

2.2 EROSION CONTROL BLANKET (ECB)

A. ECB shall be jute mesh.

B. Jute mesh shall be a uniform, open, plain weave cloth of undyed and unbleached single jute yarn and shall be 100% biodegradable. The yarn shall be of a loosely twisted construction and it shall not vary in thickness more than one-half its normal diameter. Jute mesh shall be furnished in rolled strips and shall meet the following requirements:

Property	Requirements	Test Method
Classification	ECTC Type 3B	--
Minimum strands per foot in each direction	14-20	--
Minimum roll width	48 inches	--
Matrix	Unbleached and undyed woven jute	--
Universal soil loss equation (USLE) C-Factor for a 1.5:1 (H:V) unvegetated slope.	=<0.25	--

Property	Requirements	Test Method
Minimum shear stress	2.0 psf	ASTM D6460
Minimum tensile strength	100 psf	ASTM D5035
Functional longevity	24 months	--
Average open area	50 +/- 5%	--
Minimum weight of fabric	14.4-19.2 oz/sq yd	ASTM D3776/D3776M

C. Stakes: Douglas fir wood stakes of dimensions shown on plans shall be tapered from end to end and conform to fabric manufacturer's specification.

D. Perform manufacturing quality control sampling and testing in accordance with the manufacturer's approved quality control manual. As a minimum, jute mesh shall be randomly sampled for testing in accordance with ASTM D4354, Procedure A. Acceptance of jute mesh shall be in accordance with ASTM D4759. Tests not meeting the specified requirements will result in the rejection of applicable rolls.

2.3 TEMPORARY CONSTRUCTION ENTRANCE (TCE)

A. The need to construct a TCE will be determined by the District's Construction Manager, based on conditions of the access road anticipated during construction.

B. Contractor shall provide a TCE per Caltrans Construction Site Best Management Practices Manual detail TC-1.

2.4 STREET SWEEPING

A. Provide street cleaning, such as sweeping or vacuuming, on McKean Road where construction traffic has caused tracking of sediments onto the roadway. Using water to wash or flush sediments into adjacent drainage systems is prohibited.

B. Contractor shall inspect the entrance to the project daily and sweep tracked sediment as needed, or as required by the District's Construction Manager.

2.5 TEMPORARY CONSTRUCTION FENCE MATERIALS

A. Temporary fencing shall be as described in SECTION 01 56 26 TEMPORARY BARRIERS AND ENCLOSURES.

PART 3 - EXECUTION

3.1 FIELD QUALITY CONTROL

A. Contractor shall review Drawings and construction schedule to identify when and where the site will require sediment and erosion control measures and what are the appropriate measures. Contractor shall prepare a schedule of construction activities and associated erosion and sediment control measures and review with District's Construction Manager at least five (5) working days prior to breaking ground.

B. Contractor shall notify District's Construction Manager approximately twenty four (24) hours in advance of when erosion control measures will be implemented so that inspection of

installations can be made.

C. Compliance Inspections: Periodic compliance inspections may be made by District's Construction Manager.

D. Contractor shall correct any deficiencies to District's Construction Manager's satisfaction.

3.2 LAYOUT

A. District's Construction Manager reserves the right to make minor adjustments in the implementation and/or layout of all erosion and sediment control measures.

3.3 ECB INSTALLATION - GENERAL

A. Contractor shall install ECB as shown on Drawings and per manufacturer's recommendations.

B. ECB shall be installed after final acceptance of grading per SECTION 31 00 00 EARTHWORK and final acceptance of seeding per SECTION 32 92 19 SEEDING. ECB shall be installed prior to planting.

C. Contractor shall inspect and maintain the effectiveness of ECB throughout the project and until final acceptance of all work in the contract.

3.4 STREET SWEEPING

A. Contractor shall provide traffic control for street sweeping and schedule cleaning outside of heavy traffic times.

B. Traffic controls shall be per Manual of Traffic Controls for Construction and Maintenance Work Zones.

C. Contractor shall remove and dispose of sediment deposits at the project spoil location. Contractor shall add removed sediment deposits to the spoil pile prior to final grading, planting, seeding, or ECB installation. If sediment has been contaminated, it shall be disposed of legally at no additional cost to District.

3.5 TEMPORARY CONSTRUCTION ENTRANCE (TCE)

A. Contractor shall grade the TCE to prevent runoff from leaving the construction site.

B. Contractor shall route runoff from the TCE through a sediment-trapping device before discharge.

C. Contractor shall construct the TCE to support the heaviest vehicles and equipment that will use it.

D. Contractor shall not locate the TCE such that it impedes a drainage feature.

E. Contractor shall remove and take ownership of TCE materials immediately following completion of construction.

F. After removing the TCE, the Contractor shall restore the TCE "footprint" to its original condition.

3.6 SITE CLEAN-UP

A. Contractor shall clean up the Project site following erosion and sediment control activities as follows and as directed by District's Construction Manager:

1. Clean Project site and work area of all containers, packaging, and other debris resulting from erosion and sediment control operations.
2. Dispose of all trash and debris legally at licensed disposal facilities.

3. Remove temporary items.

3.7 ACCEPTANCE

A. Acceptance of erosion and sediment control measures will be made after Work in SECTION 31 25 00 EROSION AND SEDIMENT CONTROL is deemed complete by District's Construction Manager.

- END OF SECTION -

SECTION 32 01 17 - ASPHALT PAVEMENT REPAIR

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Bituminous Surfacing Repair: Areas removed for utility trenches, heaved by tree roots, cracked areas, protruding areas where pavement meets hard surfaces, depressed areas, holes and areas around new structures, and raveled bituminous pavement.

2. Areas heaved by tree roots, cracked areas, holes and trenches, and areas around new structures.

B. Related Sections:

1. Division 01 - General Requirements.

2. ~~Section 01 3593 - Off-site Improvement Procedures~~.

3. ~~Section 31 2200 - Grading~~.

4. ~~Section 31 2313 - Excavation and Fill~~.

5. ~~Section 31 2316 - Excavation and Fill for Paving~~.

6. ~~Section 31 2319 - Excavation and Fill for Structures~~.

7. ~~Section 31 2323 - Excavation and Fill for Utilities~~.

8. ~~Section 31 2326 - Base Course.~~

9. ~~Section 32 1216 - Asphalt Paving~~.

10. ~~Section 32 1313 - Site Concrete Work~~.

11. ~~Section 32 1236 - Seal for Bituminous Surfacing~~.

1.2 SUBMITTALS

A. Shop Drawings: Submit Shop Drawings indicating areas to be repaired.

B. Product Data: Submit manufacturer’s technical data for materials and products.

1.3 QUALITY ASSURANCE

A. Comply with Standard Specifications for Public Works Construction, current edition.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Base course materials: Section 31 2326 - Base Course.

B. Asphalt paving materials: Section 32 1216 - Asphalt Paving.

C. Seal materials: Section 32 1236 - Seal for Bituminous Surfacing.

D. Headers: Section 32 1216 - Asphalt Paving.

2.2 BITUMINOUS MATERIALS

A. Provide materials and products of the class, grade or type indicated, conforming to relevant provisions of Section 203 - Bituminous Materials of the latest Standard Specifications for Public Works Construction.

PART 3 - EXECUTION

3.1 PAVEMENT REMOVAL

A. Remove bituminous and concrete pavement in accordance with applicable provisions of Section 300 - Earthwork of the Standard Specifications for Public Works Construction.

B. Pavement Heaved By Roots: Remove pavement to limits of distortion and expose roots. Trim roots to provide at least 12-inch clearance to pavement.

C. Remove protruding bituminous surfaces flush with the surrounding grade using a suitable tool or equipment so that adjacent finishes are not blackened.

D. Remove raveled and depressed bituminous pavement to limits indicated or required.

E. Saw cut existing improvements, trim holes and trenches in bituminous and concrete pavement to permit mechanical hand tampers to compact the fill.

F. Remove broken concrete by saw cutting. If the required cut line is within 30 inches of a score or joint line or edge, cut and remove to the score, joint line, or edge.

3.2 EXCAVATING, BACKFILLING AND COMPACTING

A. Conform to requirements in Section 31 2313 - Excavation and Fill; Section 31 2316 - Excavation and Fill for Paving; Section 31 2319 - Excavation and Fill for Structures; or Section 31 2323 - Excavation and Fill for Utilities, as required.

B. Where subgrade or base is deemed to be unstable or otherwise unsuitable, excavate such materials to firm earth, and replace with a required material. Install and compact fill materials in accordance with the requirements of related Specification sections.

3.3 HEADERS

A. Install headers along edge of bituminous surfacing abutting turf, earth, or planting area, unless indicated otherwise.

B. Install headers so the bottom surface has continuous bearing on solid grade. Where excavation for headers is undercut, thoroughly tamp soil under the header. Compact backfill on both sides of header to the density of the adjacent undisturbed grade.

C. Fasten headers in place with redwood or Douglas fir stakes of length necessary to extend into solid earth a minimum of 12 inches. Stakes shall be of sound material, neatly pointed, driven vertically, and securely nailed to headers. Space stakes, not to exceed 4 feet on centers with top of stakes set one inch below top of header. Provide a minimum of two 12d galvanized common nails through each stake.

D. Remove existing headers where new surfacing is installed adjacent to existing surfacing.

E. Install temporary headers at transverse joints of paving where continuous paving operations are not maintained.

F. Provide additional stakes and devices as required to fasten headers.

3.4 BASE COURSE

A. Unless otherwise indicated, base course shall be crushed aggregate base, fine grade, 3 inches thick or equal to thickness of the existing base, whichever is greater.

B. Fill grade and compact as specified in Section 31 2200 - Grading.

3.5 RESURFACING

A. Holes and Trenches: Remove loose dirt and backfill with cement-sand slurry allowing for surfacing one inch thicker than existing. Resurface flush with existing adjoining pavement installing the same type of materials and section provided in existing improvements.

B. Other Areas: Other surface improvements damaged or removed shall be cut to a neat even line and excavated one inch below the bottom of the existing pavement. Resurface by following the original grades and installing the same type of materials provided in existing improvements.

C. Where bituminous surfacing abuts concrete, masonry, walks or paving, tamp joint smooth, if necessary, as described above to obtain a uniformly even joint, true to line and grade. Tamp and smooth materials before asphalt cools.

3.6 REPAIRING AND RESEALING EXISTING SURFACES

A. Preparation of Surfaces: Prior to filling cracks, clean existing bituminous surfacing of loose and foreign materials and coat with a film of asphalt emulsion.

B. Repair of Existing Surfacing:

1. Fill cracks ½ inch wide and less with RS-1 emulsion and silica sand or other required material. Cracks larger than ½ inch wide shall be filled with Type C2 Asphalt Concrete as specified. Cracks shall be filled to the level of adjacent surfacing.

2. Where low areas, holes, or depressions occur in existing surfacing, repair with emulsified asphalt. Install material, strike off the emulsified asphalt with a straightedge flush with adjoining surfacing. Finish with a steel trowel, and after dehydration, compact by rolling or tamping.

C. Testing: Flood test entire area in presence of the Project Inspector. Entire area tested shall be free of standing water or puddles.

D. Surface Seal: After surface has been repaired and tested, install seal coat over entire area indicated. Surface seal shall be as specified in Section 32 1236 - Seal For Bituminous Surfacing.

3.7 CLEANING

A. Remove all stains on the Project site and adjacent properties caused by or attributed to the Work of this section.

B. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

3.8 PROTECTION

A. Protect the Work of this section until Substantial Completion.

END OF SECTION 320117

SECTION 32 31 50

FENCE WINDSCREEN

1.1 SUMMARY

1. Provide all material, labor, and equipment necessary to fence windscreen with a District approved graphic pattern for entire fence perimeter as shown on Drawings and as specified herein.

1.2 SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for the following:

a. Windscreen Netting for entire fence perimeter.

b. Windscreen Graphics for entire fence perimeter.

B. Shop Drawings: For each type of fence and gate assembly.

1. Include plans, elevations, sections, details, and attachments to other work.

2. Include accessories, hardware, gate operation, and operational clearances.

C. Samples for Initial Selection: For each type of windscreen.

D. Samples for Verification: For each type of component, prepared on Samples of size indicated below:

a. In 6-inch lengths for components and on full-sized units for accessories.

1.3 QUALITY CONTROL

A. The District and District's Construction Manager shall evaluate and approve fabric installation with the Installer.

B. Emergency Access Requirements: According to requirements of authorities having jurisdiction for gates serving as a required means of access.

C. Wind consideration: Installation shall allow for normal wind conditions without causing fencing to be compromised.

D. The Contractor shall maintain the fabric at all times from graffiti and repair damage.

1.4 FIELD CONDITIONS

A. Field Measurements: Verify layout information for installation of windscreen in relation to property survey and existing structures. Verify dimensions by field measurements.

1.5 WARRANTY

A. Special Warranty: Manufacturer and Installer agree to repair or replace components of windscreen that fail in materials or workmanship within project duration.

1. Failures include, but are not limited to, the following:

a. Failure to comply with performance requirements.

b. Deterioration of materials beyond normal weathering.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Structural Performance: Fence and gate windscreen shall withstand the design wind loads and stresses for fence height(s) and under exposure conditions indicated according to ASCE/SEI 7.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and conditions, with District, Construction Manager & Installer present, for compliance with requirements for site clearing, earthwork, pavement work, and other conditions affecting performance of the Work.

1. Do not begin installation before final grading is completed unless otherwise permitted by District.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Stake locations of fence lines, gates, and terminal posts. Do not exceed intervals of 500 feet or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

3.3 ADJUSTING

A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.

3.4 DEMONSTRATION

A. Engage a factory-authorized service representative to accept installation.

END OF SECTION

Addendum 04 / EXHIBIT 12

Native American Monitoring Agreement

Agenda Item Details

Meeting	Oct 13, 2026 - Regular and Regional Occupational Program (ROP) Meeting of the Board of Trustees
Category	K. ACTION - BUSINESS/CONSENT ITEMS (Routine Matters) - Consent Items are considered routine and will be enacted, approved, and adopted by one motion unless a request for removal, discussion, or explanation is received from any Board Member or member of the public in attendance.
Subject	45. 26/27-5050 - Approval of the Native American Monitoring Service Agreement with Kizh Nation Resources Management for the Centennial High School Modernization Project(Business & Administrative Services)***APPROVED***
Type	Action (Consent)
Fiscal Impact	Yes
Budgeted	Yes
Recommended Action	The Superintendent recommends that the Board of Trustees approve the Native American Monitoring Service Agreement with Kizh Nation Resources Management for the Centennial High School Modernization Project.

BACKGROUND

The District is the owner of certain real property located at 2606 North Central Avenue, Compton, California 90222 (APN 6145-001-900), commonly known as Centennial High School ("Site"). The Project involves the reconstruction and/or modernization of Centennial High School.

In connection with the Project's environmental review, the District consulted with the Gabrieleño Band of Mission Indians-Kizh Nation ("Kizh Nation") regarding TCRs at the Site. The District and KNRM, a Kizh Nation-owned and operated entity, executed the Agreement on September 14, 2026. The District now seeks to ratify the Agreement, which is attached as Exhibit A.

ANALYSIS

Education Code section 35160 authorizes the Board to carry out activities not inconsistent with the District's purposes. Education Code section 35160.1 clarifies that this authority includes approving expenditures the Board deems necessary or desirable, and consistent with the purposes for which the funds were appropriated. Here, the Services are necessary for the Project.

Further, Education Code section 17604 provides for Board ratification of contracts executed pursuant to delegated contracting authority. Here, the District's Chief Administrative Officer, Shannon Soto, executed the Agreement on the District's behalf given that ground-disturbing activities were anticipated to begin as early as October 2026, before the Board's scheduled consideration of the Agreement. Execution of the Agreement in advance of Board consideration was necessary to arrange the required Services and avoid delays to the Project.

Assembly Bill 52 ("AB 52") establishes consultation requirements under the California Environmental Quality Act ("CEQA") for California Native American tribes traditionally and culturally affiliated with the area encompassing the Site. (Pub. Res. Code, § 21080.3.1(b).) Consultation addresses the existence of and potential impacts to TCRs at the Site, and measures to avoid or lessen such impacts. (*Id.*, § 21080.3.2(a).) Mitigation measures agreed upon and determined to avoid or lessen impacts must be recommended for incorporation into the Project's environmental documentation and an adopted mitigation monitoring and reporting program, and must be fully enforceable. (*Id.*, §

21082.3(a).) Here, the Agreement provides an enforceable contractual mechanism for implementing the Project's TCR monitoring measures developed during consultation with the Kizh Nation, and therefore complies with AB 52's requirements.

The Agreement requires KNRM to provide a Native American monitor at the Project Site during all ground-disturbing activities. The monitor will observe such activities, document and report TCR discoveries, and coordinate with the Project supervisor if a discovery requires work within the area to stop or otherwise accommodate the discovery. The Agreement establishes the process for identifying and addressing TCR discoveries during ground-disturbing activities.

KNRM will bill the District for services rendered pursuant to the Agreement. The Agreement establishes a not-to-exceed contract amount of Thirty Thousand Dollars ($30,000), inclusive of KNRM's fees and reimbursable expenses. The District must provide an advance deposit equal to twenty-five percent (25%) of the estimated Project cost before KNRM begins work. Should KNRM anticipate that the cost of completing the Services will exceed this amount, it must notify the District and request a change order.

STUDENT ACHIEVEMENT IMPACT
The Agreement supports student achievement by facilitating the timely and compliant modernization of Centennial High School. Native American monitoring services help ensure that ground-disturbing construction activities are conducted in accordance with the Project's environmental requirements while providing an appropriate process for identifying and addressing potential Tribal Cultural Resources.

By supporting compliance and helping avoid unnecessary construction delays, the Agreement contributes to the District's ability to complete the Centennial High School Modernization Project as planned. Upon completion, the modernized campus will provide students with improved, safe, and functional learning environments that support high-quality instruction, student engagement, and academic achievement.

FISCAL IMPACT
The Agreement authorizes expenditures of up to Thirty Thousand Dollars ($30,000) for the Services, funded by Measure AAA proceeds allocated to the Project.

ANNUAL COST
Up to Thirty Thousand Dollars ($30,000.00).

Centennial High School Modernization Project_agreement fe.pdf (3,703 KB)

Motion & Voting

(not specified)

Motion by Denzell Perry, second by Satra Zurita.
Final Resolution: Motion Carries
Yea: Alma Taylor Pleasant, Sandra Moss, Denzell Perry, Tana McCoy, Satra Zurita, Michael Hooper, Micah Ali

Addendum 04 / EXHIBIT 12

Native American Monitoring Agreement

Addendum 04 / EXHIBIT 12

Native American Monitoring Agreement

KIZH NATION RESOURCES MANAGEMENT
-A Native American Owned and Operated Small Minority Business-

NATIVE AMERICAN MONITORING SERVICE AGREEMENT

This agreement for Native American monitoring services is entered into on July 22, 2026 by and between, KIZH NATION RESOURCES MANAGEMENT ("KNRM"), and Compton Unified School District or the ("Project Applicant" or Compton Unified School District) (collectively referred to as, the "Parties"), for the compliance of the development of Centennial High School Modernization Project located at 2606 North Central Avenue Compton, CA 90222 (the "Project Site"), with the mitigation measures adopted by the Project lead agency, city of Compton(the "lead agency"), pursuant to the California Environmental Quality Act ("CEQA) (hereinafter, the "Project").

RECITALS

WHEREAS, the Tribe consulted with the lead agency regarding the adverse impacts the Project will have on tribal cultural resources ("TCR") at, on, and/or beneath the Project Site, and proposed mitigation measures to reduce those impacts below the threshold of significance as required by the California Environmental Quality Act ("CEQA");

WHEREAS, the lead agency found that substantial evidence supported the adoption of the Tribe's proposed TCR mitigation measures and made those mitigations mandatory conditions of the Project approval (collectively, the "Mitigations");

WHEREAS, the purpose of this Agreement is for the protection and preservation of the Tribe's TCRs and compliance of the Project with the adopted Mitigations.

Accordingly, KNRM and Compton Unified School District hereby agree as follows:

[*CONTINUED ON THE FOLLOWING PAGE*]

Addendum 04 / EXHIBIT 12

Native American Monitoring Agreement

MONITORING AGREEMENT
1. SCOPE OF WORK

1.1. KNRM's Native American monitor will be physically present on the Project Site at all times ground-disturbing Project activities are occurring(i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). To implement the "tribal cultural resource" ("TCR") Mitigations adopted for this Project, KNRM's monitor shall:

a) Monitor all "ground disturbing activities," including but not limited to, demolition, grubbing/clearing, rough grading, precise grading, mass grading, trenching, excavation, boring, augering, and weed abatement on previously disturbed and undisturbed ground;
b) Identify uncovered and/or discovered TCRs, including but not limited to Native American artifacts, village sites, trade routes, midden deposits, ceremonial locations, human remains, and grave goods (collectively referred to as, "TCR" or "TCRs");
c) Ensure all TCRs, especially human remains and associated grave goods, are treated with culturally appropriate dignity and respect, and are handled and/or removed from the Project Site in accordance with the Tribe's ceremonial and cultural practices ;
d) Attend and participate in Project meetings, including trainings and conferences, to inform Project personnel about the potential for TCR discoveries and the appropriate courses of action if/when a discovery occurs;
e) Create daily logs of observations made during monitoring, and provide written reports detailing each TCR discovery, including but not limited to, the date and time, location on the Project Site, nature of the soil in the discovery location, facts pertaining to the Project activities in that area, the location of the perimeter around the TCR discovery that the monitor establishes to protect the location, and any cultural findings; and
f) Report discoveries to the Tribal Chairman and/or the Tribal Archaeologist, and incorporate their input regarding the treatment of the TCR(s).

1.2. In order to fully and effectively execute the monitoring services identified in Section 1.1 above, the Parties agree that KNRM's monitor shall possess all of the following rights, which may be asserted at any time and at any location on the Project Site:

a) To access any/all areas of the Project Site necessary to physically observe the "ground-disturbing activities", as that phrase is defined in Section 1.1(a) above, as those ground-disturbing activities are occurring;
b) To halt construction activity within the surrounding 50 feet (or more where deemed necessary by KNRM's monitor) of a discovered TCR;
c) To meet and confer with the Project Supervisor in a timely manner regarding how to re-direct Project activities in the vicinity of a discovered TCR and the time frame for imposing a no-work perimeter around a discovered TCR;
d) To meet and confer with the Project Supervisor in a timely manner regarding issues pertaining to effectively monitoring the Project Site in a manner that ensures compliance with the Mitigations;
e) To be timely notified of all Project meetings, including safety meetings, trainings, scheduling, etc., and permitted to attend any/all meetings; and
f) To be treated in a respectful and courteous manner by all Project management, staff, personnel, contractors, and subcontractors.

2. DISCOVERY OF NATIVE AMERICAN ARTIFACTS, GRAVE GOODS, AND/OR HUMAN REMAINS

2.1. If TCRs are found, the Tribe will retain it/them in the form and/or manner the Tribe deems appropriate, for educational purposes.

2.2. If human remains and/or grave goods are discovered or recognized at the Project Site, all damage or disturbance shall immediately cease, and the county coroner shall be notified per Public Resources Code Section 5097.98, and Health & Safety Code Section 7050.5. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2).

2.3. The Project Applicant expressly acknowledges the obligations required of it under governing State and Federal laws, including but not limited to, the California Public Resources Code, California Health & Safety Code, California Government Code, and California Code of Regulations, in the event human remains are discovered on the Project Site, and expressly agrees to comply with all such obligations, and to the extent possible, obtain compliance of the property owner in the event human remains are discovered on the Project Site but on land not owned and/or controlled by the Lead Agency.

2.4. Pursuant to Public Resources Code Section 5097.98, subsections (d) and (e), if human remains or associated burial goods are found on the Project Site and in an area that is under the ownership and/or control of the Project Applicant, the Project Applicant agrees to provide a designated area on the property at which to reinter the remains and/or burial goods with appropriate dignity that is not subject to further disturbance.

2.5. In the event that human remains and/or burial goods are found within the Project Site but in an area that is outside of the ownership and/or control of the Project Applicant, the Project Applicant will make a reasonable effort to secure an agreement with the property owner to reinter the remains and/or burial goods with appropriate dignity in a designated area on the Project Site that is not subject to further disturbance, as is required of the property owner pursuant to Public Resources Code Section 5097.98, subsections (d) and (e). If such an agreement with the property owner cannot be reached, to the extent feasible, the Project Applicant will provide a designated area on the Project Site that is within the Project Applicant's ownership and/or control, for reinternment of the human remains and/or burial goods.

2.6. If the portion of the Project Site where human remains and/or burial goods are discovered is within the ownership and/or control of the Project Applicant, pursuant to Public Resources Code Section 5097.98(b), the Project Applicant shall ensure that the immediate area surrounding the discovery will be isolated and remain undisturbed until recommendations by the designated most likely descendent (within approximately 48-hours). The grading and excavation may continue outside of the isolated area.

3. FEES AND INVOICES

3.1. The Project Applicant agrees to pay KNRM for the above described monitoring services for the Project at the following rates:

a) The standard, day-time rate per monitor is one hundred and five dollars ($105.00) per hour for an eight (8) hour day ("Standard Workday"). A night differential rate of $115.00 per

hour will be applied for monitoring performed at or after 6 p.m. The night rate for monitoring that exceeds 8 hours per day, or 40 hours per week is $172.50 per hour

b) The rate for monitoring that exceeds 8 hours per day, or 40 hours per week is $ 157.50 per hour.
c) The rate for monitoring performed on a Saturday or Sunday is $172.50 per hour.
d) The rate for project management services, including but not limited to, consultant communications, monitor coordination, project documentation, is one hundred and Forty-five dollars ($145) per hour;
e) The rate for Project Director services, including consultation, Project meetings and trainings, and communications, documentation, and coordination pertaining to compliance issues, is two hundred dollars ($200) per hour;
f) The rate for KNRM's Compliance Officer Specialist (COS) is responsible for ensuring all projects are working in a safe, healthy, and professional work environment. The KNRM compliance officer performs project inspections to assess that project applicants and KNRM monitors are following all safety and environmental laws per Federal and State regulations at a rate of one hundred and Twenty dollars ($120) per hour;
g) In the event TCRs are discovered (whether prehistoric or historic), a KNRM Archaeologist (who meets the Secretary of the Interior's standards for Professional Archaeology), shall be retained in addition to the monitor to assess the TCR, at a rate of one hundred and fifty dollars ($150) per hour;
h) Mileage shall be reimbursed at the Federal Standard Rate for travel to and from the Project Site, to/from KNRM's office located at 910 N. Citrus Avenue, Covina, California;
i) Lodging is required if the monitor must travel 40 miles or more to the Project site, and is reimbursed at the rate of two-hundred dollars ($200) per night; *and*
j) Per diem for meals at the rate of seventy-five dollars ($75) per day.

3.2. If it is unreasonable for one monitor to fulfill their duties because Project Activities are occurring concurrently, at more than one location on the Project Site and at a distance impractical for a single monitor to serve simultaneously, then an additional monitor will be required at identical rates and on identical terms.

3.3. KNRM shall invoice Project Applicant for fees monthly. The Project Applicant shall make payment to KNRM not later than thirty (30) days following the invoice date (Net 30). An advance deposit is required from the Project Applicant, in an amount equal to twenty-five percent (25%) of the estimated cost budgeted for the Project, prior to any work performed by KNRM under this Agreement. Invoices not paid within 30 days of the invoice date are subject to a finance charge equal to ten percent (10%) of the monthly invoice total each additional month payment is not received. Checks shall be made payable to "Kizh Nation Resources Management" and mailed to:

Kizh Nation Resources Management
910 N. Citrus Ave
Covina, CA 91722

3.4. The Project Applicant's estimated hours of monitoring services utilized for the Project budget (if any) shall not constitute or be interpreted as a limitation on the monitoring services performed for this Project by KNRM if additional monitoring is necessary to satisfy the Project mitigations and conditions of approval. Not-to-exceed (NTE) $30,000, which is calculated for budgeting purposes as ($172.50/hour x 160 hours) + $2,400 in expenses. However, if actual costs appear to be higher than the NTE, the Kizh needs to inform the District, and request a change order once that new amount is known to complete the monitoring services.

Addendum 04 / EXHIBIT 12

Native American Monitoring Agreement

4. NOTICE

4.1. To ensure there are no delays and to ensure a monitor is present onsite we request a minimum of 72 hours advance written notice to assist with scheduling efforts. **Please submit your monitor requests to: KNRM Dispatch to knrmdispatch@gmail.com or text or call (626) 825-8248. For immediate assistance you may contact Andrew Salas (626) 926-4131. For archaeological services you can contact our Tribal Archaeologist John Torres at indigenous.crm@gmail.com or (909)705-6241.**

4.2. In the event a scheduled Standard Workday is canceled entirely or the hours are altered for any reason, the Project Applicant shall promptly notify KNRM no later than 5:00 p.m. PST on the business day prior to the altered day, at the "Contact Information" set forth in Section 5 below. If KNRM has not received timely notice of a schedule cancellation or change, a minimum fee of four hundred twenty dollars ($420.00) shall be applied per late cancellation event.

4.3. All communications pertaining to or that may impact KNRM's implementation of the services set forth in section 1 of this Agreement shall be made in writing and per the contact information in section 5 below.

5. CONTACT INFORMATION

5.1. Notices to KNRM:

Telephone - (626) 926-4131

KNRM Office - (626) 521-5827

Email: admin@knrm-nsn.us

5.2. **Project Applicant:**

Name: Leonard Hernandez

Phone: 310.639.4321

Email: lhernandezjr@compton.k12.ca.us

5.3. **On-Site Project Contact** (i.e., "Project Supervisor")

Name: Leonard Hernandez

Phone: 310.639.4321

Email: lhernandez,jr@compton.K12.ca.us

5.4 **Billing Contact information**

Name: Shannon Soto

Phone: 639.4321

Email: SSoto@compton.K12.ca.us

6. LIMITATION OF LIABILITY AND LIQUIDATED DAMAGES

6.1. Despite any language in this Agreement to the contrary, KNRM's obligations under this Agreement (including any actual or alleged breach or default by KNRM) do not constitute personal obligations of the individual partners, directors, officers, members or shareholders of KNRM or the Tribe, or the partners or members of KNRM or the Tribe. The Project Applicant shall not seek recourse against the individual partners, directors, officers, members or shareholders of KNRM or the Tribe, or any of their personal assets for satisfaction of any liability with respect to this Agreement.

6.2. In consideration of the benefits accruing hereunder to the Project Applicant and notwithstanding anything contained in this Agreement to the contrary, the Project Applicant hereby covenants and agrees for itself and all of its successors and assigns that the liability of KNRM and the Tribe for KNRM's obligations under this Agreement (including any liability as a result of any actual or alleged failure, breach or default hereunder by KNRM or any alleged tort committed in connection with KNRM's work), shall be limited solely to KNRM's insurance coverage as provided in Section 7 of this Agreement.

6.3. In the event the Project Applicant performs (directly or through a contractor, subcontractor, agent, representative or otherwise at the Project Applicant's direction) or allows to be performed ground-disturbing work without a monitor present in violation of Mitigations and in breach of this Agreement, KNRM will suffer substantial harm for which it is impracticable to fix actual damages. To limit or prevent further harm, the Project Applicant agrees and consents to the immediate issuance of a Stop Work Order by the Project lead agency, which shall stay in full force and effect unless and until the Parties resolve the non-compliance events and resulting damages.

~~6.4. In an effort to liquidate in advance the sum that should represent such damages and to avoid the additional costs Project Applicant will incur to remedy that breach by redoing all non-compliant ground-disturbing Project activities with a KNRM monitor present, Project Applicant agrees to pay KNRM a "Noncompliance Fee" equal to the cost of redoing all non-compliant ground-disturbing Project activities, plus KNRM's monitoring fees for monitoring those activities. You acknowledge that you have been given notice of this Noncompliance Fee and agree that such a fee is fair and reasonable.~~

7. INSURANCE

7.1. A certificate of general liability insurance coverage can be provided upon request.

7.2. KNRM does not hold an automobile liability policy for the monitors. Vehicles are only used for transportation to and from the Project Site. Each individual monitor is required to carry automobile

insurance pursuant to California State law. Proof of a monitor's automobile insurance can be provided upon request.

8. MISCELLANEOUS

8.1. **Governing Law.** This Agreement shall be governed by, and construed pursuant to, the laws of the state of California.

8.2. **Recitals.** All recitals set forth in this Agreement are contractual.

8.3. **Terms and Headings.** Section headings of this Agreement are for convenience, are merely descriptive, and do not alter the rights of the parties.

8.4. **Time.** Time is of the essence with respect to performance of every provision of this Agreement in which time or performance is a factor. All references in this Agreement to "days" shall mean calendar days unless specifically modified herein to be "business" days.

8.5. **Professional Fees.** If either KNRM or Project Applicant should bring suit against the other with respect to this Agreement, then all reasonable costs and expenses incurred by the prevailing party therein (including, without limitation, its accountants', attorneys', experts' and other professional's fees, expenses and court costs), shall be paid by the other party.

8.6. **Waiver.** The waiver by either party of any breach by the other party of any term, covenant or condition herein contained shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant and condition herein contained, nor shall any custom or practice which may become established between the Parties in the administration of the terms hereof be deemed a waiver of, or in any way affect, the right of any party to insist upon the performance by the other in strict accordance with said terms.

8.7. **Prior Agreements; Amendments**. This Agreement, contains all of the covenants, provisions, agreements, conditions and understandings between the Parties concerning the Project and any other matter covered or mentioned in this Agreement, and no prior agreement or understanding, oral or written, express or implied, pertaining to the Project or any such other matter shall be effective for any purpose. No provision of this Agreement may be amended or added to except by an agreement in writing signed by the Parties hereto or their respective successors in interest. The Parties acknowledge that all prior agreements, representations and negotiations are deemed superseded by the execution of this Agreement to the extent they are not expressly incorporated herein. The Parties hereto acknowledge and agree that each has participated in the negotiation and drafting of this Agreement; therefore, in the event of an ambiguity in, or dispute regarding the interpretation of, this Agreement, the interpretation of this Agreement shall not be resolved by any rule of interpretation providing for interpretation against the party who caused the uncertainty to exist or against the draftsman. Any deletion of language from this Agreement prior to its execution by the Parties shall not be construed to raise any presumption, canon of construction or implication, including, without limitation, any implication that the Parties intended thereby to state the converse of the deleted language.

8.8. **Separability**. The invalidity or unenforceability of any provision of this Agreement shall in no way affect, impair or invalidate any other provision hereof, and such other provisions shall remain valid and in full force and effect to the fullest extent permitted by law.

8.9. **Force Majeure.** In the event that either party hereto shall be delayed or hindered in or prevented from the performance of any act required hereunder by reason of strikes, lock-outs, labor troubles, inability to procure materials, failure of power, governmental moratorium or other governmental action or inaction (including failure, refusal or delay in issuing permits, approvals and/or authorizations), orders/closures/restrictions pertaining to COVID-19, injunction or court order, riots, insurrection, war, fire, earthquake, flood, inclement weather in excess of average for the Los Angeles County area or other natural disaster or other reason of a like nature not the fault of the party delayed in performing work or doing acts required under the terms of this Agreement (herein

collectively, "Force Majeure Delays"), then performance of such act shall be excused for the period of the delay and the period for the performance of any such act shall be extended for a period equivalent to the period of such delay, provided the delayed party has notified the other party of the Force Majeure Delay within five (5) business days of learning of the same, such notice specifically describes the Force Majeure Delay and its expected duration, and the delayed party regularly updates the other party of the status of the same and the delayed party takes all commercially reasonable efforts to mitigate the effects and minimize the duration of the delay. The provisions of this Section 7.9 shall not apply to nor operate to excuse Lead Agency (or any third-party contractor operating on behalf of Lead Agency) from the payment of any fees owed to or the reimbursement of costs incurred by KNRM in accordance with the terms of this Agreement, nor extend the date for payment of same to KNRM.

8.10. **Counterparts**. This Agreement may be executed in one or more counterparts, each of which shall constitute an original and all of which shall be one and the same agreement. Facsimile and electronic signatures are valid and binding.

8.11. **Project Applicant's Authority**. The agent/representative of the Project Applicant that executes this Agreement represents and warrants that: (a) the Project Applicant is qualified to do business in the state of California; (b) such persons executing this Agreement are duly authorized to execute and deliver this Agreement on the Project Applicant's behalf, or a duly adopted resolution of the Project Applicant's board of directors; and (c) this Agreement is binding upon the Project Applicant in accordance with its terms.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of Sept 14 2026.

"PROJECT APPLICANT"

Compton Unified School District

*By: S.S.

Print Name: Shannon Soto

Print Title: Chief Admin officer

"KNRM"

KIZH NATION RESOURCES MANAGEMENT

*By: Lexie Salas

Print Name: Lexie Salas

Print Title: Project Manager

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

Soil Removal Completion Report

Centennial High School
2606 N Central Avenue, Compton, California 90221

Prepared for

Compton Unified School District
501 S Santa Fe Ave
Compton, California 90221

Prepared by

Terraphase Engineering Inc.
18401 Von Karman Avenue, Suite 410
Irvine, California 92612

October 20, 2026

Project Number 0500.002.002

File: rpt-Centennial HS Soil Removal-0500-002-002

terraphase engineering

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Appendices

A Step-out Sampling Results

B Laboratory Analytical Reports

C PM10 Dust Monitoring Logs

D Waste Manifests

Acronyms and Abbreviations

COPC	contaminant of potential concern
CUSD	Compton Unified School District
CY	cubic yards
DTSC	California Department of Toxic Substances Control
ICS	Innovative Construction Solutions
mg/kg	milligrams per kilogram
PCB	polychlorinated biphenyls
PEA	preliminary environmental assessment
PEA Report	*Preliminary Environmental Assessment Report*
Site	Centennial High School, 2606 N Central Ave, Compton, California
SSAL	site-specific action levels
Terraphase	Terraphase Engineering Inc.
USEPA	United States Environmental Protection Agency

Signatures

All geologic information, conclusions, and recommendations in this document have been prepared under the responsible charge of a California-licensed Professional Geologist.

Clare Steedman, PG

October 20, 2026
Date

1 Introduction

On behalf of Compton Unified School District (CUSD), Terraphase Engineering Inc. (Terraphase) prepared this *Soil Removal Completion Report* to document the removal of soil impacted with arsenic, lead, and polychlorinated biphenyls (PCBs) at Centennial High School, 2606 N Central Avenue, Compton, California (Site; Figure 1). This report describes soil removal activities at 17 locations at the Site, performed from September 14 to 25, 2026, and October 14, 2026. Soil step-out sampling and removal oversight activities were performed on behalf of CUSD.

Terraphase's *Preliminary Environmental Assessment Report* (PEA Report), dated May 11, 2026, identified 17 areas of soil impacted with contaminants of potential concern (COPCs) at the Site, including arsenic, lead, and PCBs that exceeded site-specific action levels (SSALs). Terraphase conducted step-out sampling from June 1 to 12, 2026, in the vicinity of the soil borings to delineate arsenic, lead, and PCB impacts prior to initiating excavation. The sampling indicated that at least approximately 233.8 cubic yards of impacted soil would need to be removed from the Site.

This report documents the removal and off-site disposal of 477.3 tons of non-hazardous soil impacted with COPCs.

2 Site Background

This section describes the Site's previous assessments and remedial action goals.

2.1 Previous Assessments

A major modernization project is proposed for the Site to construct a new high school. In support of the improvement project, Terraphase conducted a preliminary environmental assessment (PEA) investigation to evaluate shallow soil conditions in the development zone.

Prior to the PEA investigation, a Phase I Environmental Site Assessment (Ninyo & Moore 2025a) and subsequent Site reconnaissance identified several recognized environmental conditions requiring further evaluation. These included potential shallow soil impacts associated with historical pesticide use, lead-based paint, asbestos-containing materials, PCB-containing materials, and vocational shop activities including auto body and photographic development. Additional potential impacts were associated with a hydraulic automotive lift and clarifier near the auto shop, as well as the potential presence of regulated toxic air contaminants (South Coast Air Quality Management District Rule 1466) that could be encountered during soil disturbance.[1] Though Rule 1466 does not apply to the Site, the general procedures specified by the rule were followed during earth-moving activities as a conservative measure.

[1] Rule 1466. Control of Particulate Emissions from Soils with Toxic Air Contaminants; https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf.

The PEA field investigation was conducted in February 2026 and included advancing 202 soil borings and collecting 461 soil samples from 0.5 to 2.5 feet below ground surface to evaluate COPCs identified in the *Preliminary Environmental Assessment Work Plan* (Ninyo & Moore 2025b). Samples were analyzed for arsenic, lead, metals, PCBs, total petroleum hydrocarbons, volatile organic compounds, dioxins/furans, organochlorine pesticides, and asbestos. All constituents (except for arsenic, lead, and PCBs) were either not detected or were reported below applicable screening criteria. The soil exceedances were documented in the PEA Report (Terraphase 2026).

Step-out sampling was performed at 17 boring locations in June 2026 to delineate excavation areas. The results of the step-out sampling defined 9 of the 17 excavations, and 8 excavations were delineated in most directions but were unbounded in at least one direction. The results of the step-out sampling and the proposed excavations were provided in the data package submitted to CUSD on June 25, 2026. The step-out soil sample results are included in Appendix A.

The following excavations were pre-delineated by the step-out samples:

- AOC2-SB-09;
- AOC2-SB-20;
- AOC2-SB-47;
- AOC3-SB-03;
- AOC3-SB-04;
- AOC3-SB-13;
- AOC4-SB-16;
- AOC4-SB-31; and
- AOC5-SB-28.

The remaining excavations (AOC2-SB-08, AOC2-SB-23, AOC2-SB-34, AOC2-SB-40, AOC3-SB-01, AOC3-SB-24, AOC3-SB-44, and AOC4-SB-46) were not delineated in all directions, and confirmation samples were collected following excavation, as described in Section 3.3.

Because the final numerical designation of each boring was a unique number, the designation of the corresponding excavation was shortened to that (e.g., AOC2-SB-08 is also identified as EX-08).

2.2 Site-Specific Action Levels

The PEA Report established SSALs for the removal of arsenic, lead, and PCBs. The SSAL for arsenic was 12 milligrams per kilogram (mg/kg), as recommended by California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (2020). The SSALs for lead (80 mg/kg) and total PCBs (0.23 mg/kg) were established from the DTSC-modified screening levels in residential scenarios (DTSC Human and Ecological Risk Office 2025).

3 Soil Removal Implementation

This section describes implementation of removal activities.

3.1 Site Preparation

Federal, state, or local permits were not required to implement the soil removal. Underground Service Alert of Southern California (Digalert®) was notified by the removal contractor, Innovative Construction Solutions (ICS) two working days prior to earthwork activities. A geophysical survey was commissioned by the removal contractor to identify and mark underground utilities in the vicinity of the excavation areas. Terraphase reviewed the existing *Health and Safety Plan* for the Site to confirm it included appropriate protocols for removal activities. A hard copy of the *Health and Safety Plan* was retained on site during all field activities.

3.2 Impacted Soil Removal

Excavation activities at the Site were conducted from September 14 to 25, and October 14, 2026. Completed excavation areas are shown on Figures 1 through 17.

On September 14, 2026, ICS began excavating impacted soils using mechanized equipment and hand tools. Hardscape (asphalt) was removed from AOC3-SB-01; the remaining excavations were located in landscaped areas.

ICS excavated soil around the identified borings to the extents and depths specified in Table 1. Soil samples were collected from the sidewalls and bottom of select excavations where the excavation extent was not pre-determined for confirmation analysis, as described in Section 3.4.1, to evaluate whether further excavation was required.

Based on confirmation sample results, the following excavations were extended until either hardscape was encountered or subsequent confirmation sample results indicated that the soil was below the SSAL:

- AOC2-SB-34;
- AOC2-SB-40; and
- AOC3-SB-01.

The initial confirmation samples at the other five excavations indicated that the remaining soil was below the applicable SSAL.

The excavated soil was consolidated into three stockpiles based on the primary COPC of the excavation. The final excavation extents are shown on Figures 1 through 17.

3.3 Confirmation Soil Sampling

Confirmation soil samples were collected from the sidewalls and bottoms of excavations AOC2-SB-08, AOC2-SB-23, AOC2-SB-34, AOC2-SB-40, AOC3-SB-01, AOC3-SB-24, AOC3-SB-44, and AOC4-SB-46 to

verify removal of impacted soil. Samples were collected at midpoints of each sidewall and from the excavation bottom. Locations are shown on Figures 1, 4, 5, 6, 8, 12, 13, and 16.

Confirmation samples were collected using a clean trowel and transferred directly into laboratory-supplied 2- or 4-ounce jars, sealed, labeled, and stored on ice prior to delivery to EMAX Laboratories, an Environmental Laboratory Accreditation Program-certified laboratory in Torrance, California. The samples were analyzed on a rushed 24- to 48-hour turnaround time for lead using United States Environmental Protection Agency (USEPA) Method 6020, arsenic using USEPA Method 6010, or PCBs using USEPA Method 8082, depending on the excavation location.

Lead was detected in 28 confirmation samples, with four detections exceeding the SSAL of 80 mg/kg. All four exceedances were from excavation AOC2-SB-34 (EX34-E01, EX34-E01A, EX34-E01B, and EX34-W01). The excavation was extended laterally to hardscape to the east and west and the impacted soil was removed.

Arsenic was detected in 18 confirmation samples, with one sample (EX01-S04 at 14.3 mg/kg) exceeding the SSAL of 12 mg/kg. Excavation AOC3-SB-01 was extended to the southeast to remove the impacted soil; follow-up confirmation samples EX01-S05, EX01-S06, EX01-E02, and EX01-B05 were all below the SSAL.

Total PCBs were detected in six confirmation samples, with one sample (EX40-S02 at 0.52 mg/kg) exceeding the SSAL of 0.23 mg/kg. Excavation AOC2-SB-40 was extended to the south to remove the impacted soil; follow-up confirmation samples EX40-S03 and EX40-S04 were both below the SSAL.

Results are summarized in Table 2 and presented on Figures 1 through 17. Laboratory analytical reports are included as Appendix B.

Confirmation samples were not collected from excavation areas AOC2-SB-09, AOC2-SB-20, AOC2-SB-47, AOC3-SB-03, AOC3-SB-04, AOC3-SB-13, AOC4-SB-16, AOC4-SB-31, and AOC5-SB-28 because excavation extents were pre-determined by the step-out sampling (Section 2.1).

3.4 Air Monitoring

Though the Site is not subject to Rule 1466 as it is not under regulatory oversight, Terraphase and ICS followed general Rule 1466 procedures, including monitoring dust during earth-moving activities and placing notification signs at the Site perimeter.

During the excavation of impacted soil on September 14 through 24, 2026, Terraphase staff conducted air and meteorological monitoring to measure potential exposure of sensitive receptors to Site COPCs from removal activities. Dust and particulate monitoring were conducted using two DustTrak monitors capable of reading concentrations of inhalable particulate matter with a diameter of 10 micrometers or less. Monitors were placed upwind and downwind of the work area based on prevailing wind direction. Ambient weather conditions (wind speed and direction, temperature, relative humidity, etc.) were monitored using a portable weather station. Dust concentrations, wind direction, and wind speed were recorded at least every 30 minutes on field data sheets (Appendix C).

An exceedance of worker protection action levels was defined as a level of particulate matter greater than 25 micrograms per cubic meter determined by simultaneous sampling, measured as the difference between the upwind and downwind monitor readings. When these exceedances were observed, Terraphase field staff notified the operator to pause excavation activities and increase dust suppression measures until levels fell below thresholds. Dust suppression was performed by spraying the work areas with water during soil disturbance activities. Minor dust exceedances were observed on September 15 and 16, 2026, and were corrected. No additional dust exceedances were recorded over the duration of the soil excavation, stockpiling, and load out for off-site disposal.

3.5 Waste Characterization and Handling

Terraphase staff collected a composite soil sample from the lead-impacted soil stockpile in laboratory-supplied 8-ounce jars to supplement the existing data and develop a waste disposal profile for the excavated soil. The composited sample was analyzed for lead using USEPA Method 6010. The results were compared to California and federal waste classification screening criteria. The results indicated that the excavated soil was non-hazardous. Laboratory analytical reports are included as Appendix B.

Excavated soil was directly loaded into trucks for off-site disposal by the removal contractor. A total of 477.3 tons of non-hazardous soil was disposed of at Waste Management Simi Valley in Simi Valley, California, on October 13 and 14, 2026. Waste manifests are provided in Appendix D.

3.6 Backfill and Site Restoration

Demolition of the Site is pending following the excavation; therefore, excavations were not backfilled.

4 Summary and Recommendations

The removal of impacted soil has been completed at the Site. The removal included excavation and off-site disposal of COPC-impacted soil exceeding cleanup goals. Impacted soil was removed to either hardscape or a clean step-out or confirmation soil sample. Removal activities were conducted from September 14 to 25 and October 14, 2026.

Approximately 477.3 tons of non-hazardous soil were removed from the Site in accordance with best management practices to minimize dust generation. Based on confirmation sampling results, the COPC-impacted soil has been removed from the Site.

5 References

California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office. 2020. *HHRA Note 11 Southern California Ambient Arsenic Screening Level*. December 28.

———. 2025. *Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs).* June 2020 – Revised April 2025.

Ninyo & Moore. 2025 a. *Phase I Environmental Site Assessment, Compton Unified School District, Centennial High School Reconstruction Project, 2606 North Central Avenue, Compton, California*. May 14.

———. 2025b. *Preliminary Environmental Assessment Work Plan, Compton Unified School District, Centennial High School Reconstruction Project, 2606 North Central Avenue, Compton, California*. October 24.

Terraphase Engineering Inc. (Terraphase). 2026. *Preliminary Environmental Assessment Report, Centennial High School, 2606 North Central Avenue, Compton, California*. May 11.

Tables

1 Final Excavation Extents and Volumes

2 Confirmation Soil Sample Results

Table 1
Final Excavation Extents and Volumes
Soil Removal Completion Report
Centennial High School
2606 North Central Avenue, Compton, California

Excavation Primary Sample Location	Excavation Name	Analyte	Excavation Length (feet)	Excavation Width (feet)	Depth of Excavation (feet)	Calculated Volume (cubic yards)
AOC2-SB-08	EX-08	Lead	10.5	22	3	25.67
AOC2-SB-09	EX-09	Lead	1.5	7	2	0.78
AOC2-SB-20	EX-20	Lead	4	4	2	1.19
AOC2-SB-23	EX-23	Lead	19	14.5	2	20.41
AOC2-SB-34	EX-34	Lead	9	75	2	50.00
AOC2-SB-40	EX-40	PCBs	380 square feet		3	42.22
AOC2-SB-47	EX-47	Lead	4	8	2	2.37
AOC3-SB-01	EX-01	Arsenic	925 square feet		2	68.52
AOC3-SB-03	EX-03	Lead	6	6	3	4.00
AOC3-SB-04	EX-04	Lead	9	6	3	6.00
AOC3-SB-13	EX-13	Lead	6	4	3	2.67
AOC3-SB-24	EX-24	Lead, PCBs	21	22	2	34.22
AOC3-SB-44	EX-44	Lead	14	6	2	6.22
AOC4-SB-16	EX-16	PCBs	5	4	2	1.48
AOC4-SB-31	EX-31	PCBs	4	4.5	3	2.00
AOC4-SB-46	EX-46	Lead	6	17	2	7.56
AOC5-SB-28	EX-28	Lead	6	3	2	1.33
					Total (cy)	276.6
					Total (tons)	477.3

Table 2
Confirmation Soil Sample Results
Soil Removal Completion Report
Centennial High School

					Metal		PCBs									
					Arsenic	Lead	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Location Code	**Field ID**	**Date**	**SDG**	**Status**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Screening Criteria					12	80	4.1	0.2	0.17	0.23	0.23	0.24	0.24	-	-	0.23
EX01-B01	EX01-B01	09/18/2026	26I026	In place	**6.57**	-	-	-	-	-	-	-	-	-	-	-
EX01-B02	EX01-B02	09/18/2026	26I026	In place	**3.05**	-	-	-	-	-	-	-	-	-	-	-
EX01-B03	EX01-B03	09/18/2026	26I026	In place	**2.95**	-	-	-	-	-	-	-	-	-	-	-
EX01-B04	EX01-B04	09/18/2026	26I026	In place	**3.34**	-	-	-	-	-	-	-	-	-	-	-
EX01-B05	EX01-B5	09/24/2026	26I035	In place	**2.96**	-	-	-	-	-	-	-	-	-	-	-
EX01-E01	EX01-E01	09/18/2026	26I026	In place	**7.4**	-	-	-	-	-	-	-	-	-	-	-
EX01-E02	EX01-E2	09/24/2026	26I035	In place	**2.97**	-	-	-	-	-	-	-	-	-	-	-
EX01-N01	EX01-N01	09/18/2026	26I026	In place	**3.48**	-	-	-	-	-	-	-	-	-	-	-
EX01-N02	EX01-N02	09/18/2026	26I026	In place	**2.77**	-	-	-	-	-	-	-	-	-	-	-
EX01-N03	EX01-N03	09/18/2026	26I026	In place	**4.41**	-	-	-	-	-	-	-	-	-	-	-
EX01-N04	EX01-N04	09/18/2026	26I026	In place	**11.1**	-	-	-	-	-	-	-	-	-	-	-
EX01-S01	EX01-S01	09/18/2026	26I026	In place	**3.74**	-	-	-	-	-	-	-	-	-	-	-
EX01-S02	EX01-S02	09/18/2026	26I026	In place	**3.36**	-	-	-	-	-	-	-	-	-	-	-
EX01-S03	EX01-S03	09/18/2026	26I026	In place	**5.11**	-	-	-	-	-	-	-	-	-	-	-
EX01-S04	EX01-S04	09/18/2026	26I026	Removed	**14.3**	-	-	-	-	-	-	-	-	-	-	-
EX01-S05	EX01-S5	09/24/2026	26I035	In place	**11.7**	-	-	-	-	-	-	-	-	-	-	-
EX01-S06	EX01-S6	09/24/2026	26I035	In place	**3.24**	-	-	-	-	-	-	-	-	-	-	-
EX01-W01	EX01-W01	09/18/2026	26I026	In place	**3.91**	-	-	-	-	-	-	-	-	-	-	-
EX08-B01	EX08-B01	09/14/2026	26I019	In place	-	**6.81**	-	-	-	-	-	-	-	-	-	-
EX08-N01	EX08-N01	09/14/2026	26I019	In place	-	**10.1**	-	-	-	-	-	-	-	-	-	-
EX08-N02	EX08-N02	09/14/2026	26I019	In place	-	**11.6**	-	-	-	-	-	-	-	-	-	-
EX08-W01	EX08-W01	09/14/2026	26I019	In place	-	**12.8**	-	-	-	-	-	-	-	-	-	-
EX23-B01	EX23-B01	09/16/2026	26I020	In place	-	**7.98**	-	-	-	-	-	-	-	-	-	-
EX23-S01	EX23-S01	09/16/2026	26I020	In place	-	**17.1**	-	-	-	-	-	-	-	-	-	-
EX23-W01	EX23-W01	09/16/2026	26I020	In place	-	**63.4**	-	-	-	-	-	-	-	-	-	-
EX24-B01	EX24-B01	09/16/2026	26I022	In place	-	**9.32**	-	-	-	-	-	-	-	-	-	-
EX24-B02	EX24-B02	09/16/2026	26I022	In place	-	**9.61**	-	-	-	-	-	-	-	-	-	-
EX24-B03	EX24-B03	09/16/2026	26I022	In place	-	**7.48**	-	-	-	-	-	-	-	-	-	-
EX24-B04	EX24-B04	09/16/2026	26I022	In place	-	**7.45**	-	-	-	-	-	-	-	-	-	-
EX24-E01	EX24-E01	09/16/2026	26I022	In place	-	**77**	-	-	-	-	-	-	-	-	-	-
EX24-S01	EX24-S01	09/16/2026	26I022	In place	-	**29.4**	-	-	-	-	-	-	-	-	-	-
EX24-S02	EX24-S02	09/16/2026	26I022	In place	-	**11.6**	-	-	-	-	-	-	-	-	-	-
EX24-W01	EX24-W01	09/16/2026	26I022	In place	-	**66.6**	-	-	-	-	-	-	-	-	-	-
EX24-W02	EX24-W02	09/16/2026	26I022	In place	-	**52**	-	-	-	-	-	-	-	-	-	-
EX34-E01	EX34-E01	09/15/2026	26I019	Removed	-	**92**	-	-	-	-	-	-	-	-	-	-
EX34-E01A	EX34-E01A	09/18/2026	26I026	Removed	-	**87.2**	-	-	-	-	-	-	-	-	-	-
EX34-E01B	EX34-E01BDL	09/24/2026	26I035	Removed	-	**11,500**	-	-	-	-	-	-	-	-	-	-
EX34-S01	EX34-S01	09/15/2026	26I019	In place	-	**71.8**	-	-	-	-	-	-	-	-	-	-
EX34-S02	EX34-S02	09/15/2026	26I019	In place	-	**9.19**	-	-	-	-	-	-	-	-	-	-
EX34-S03	EX34-S03	09/15/2026	26I019	In place	-	**30.8**	-	-	-	-	-	-	-	-	-	-
EX34-S04	EX34-S04	09/15/2026	26I019	In place	-	**10.2**	-	-	-	-	-	-	-	-	-	-

Table 2
Confirmation Soil Sample Results
Soil Removal Completion Report
Centennial High School

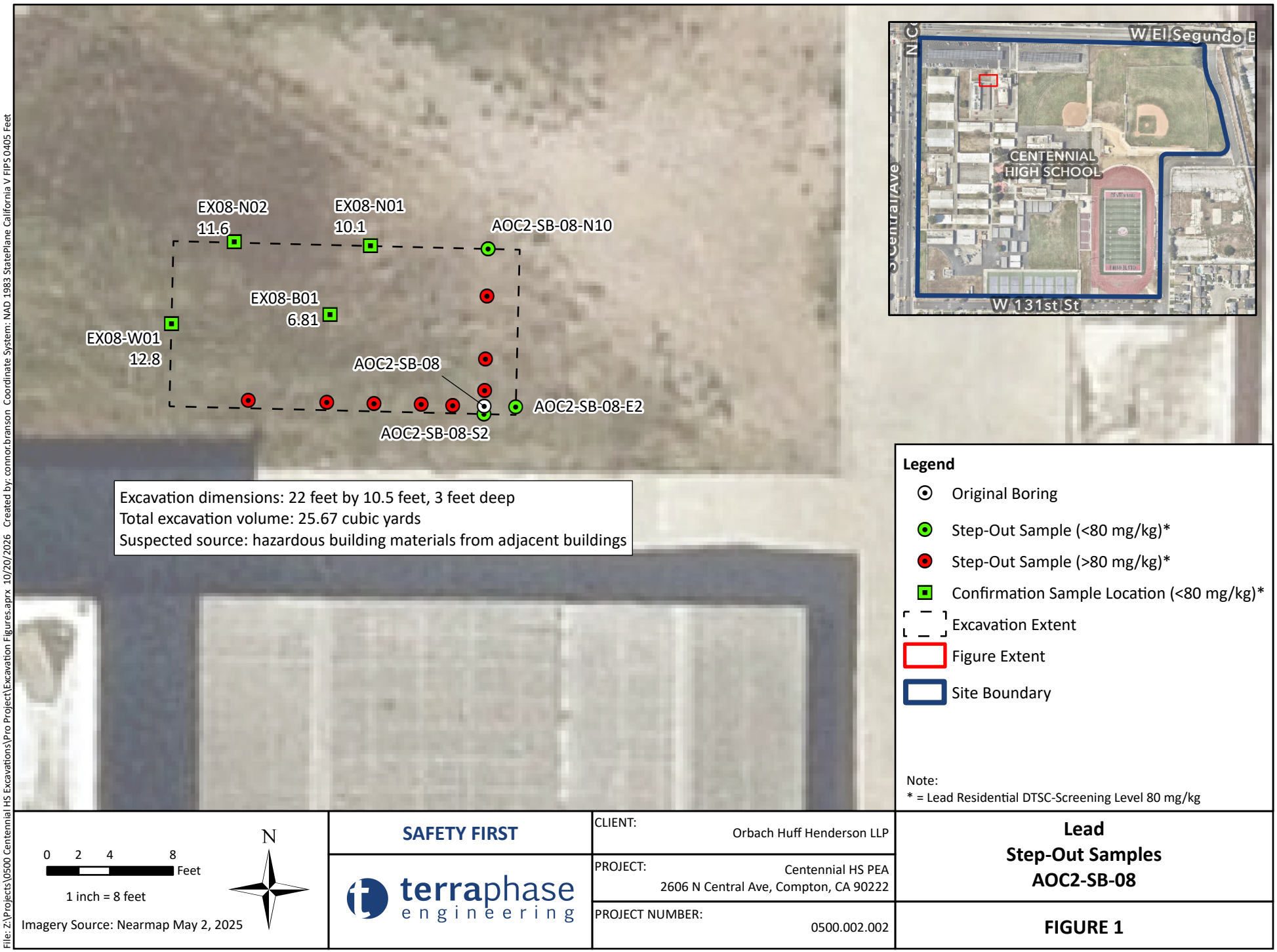
					Metal		PCBs									
					Arsenic	Lead	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Location Code	**Field ID**	**Date**	**SDG**	**Status**	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Screening Criteria					12	80	4.1	0.2	0.17	0.23	0.23	0.24	0.24	-	-	0.23
EX01-B01	EX01-B01	09/18/2026	26I026	In place	**6.57**	-	-	-	-	-	-	-	-	-	-	-
EX01-B02	EX01-B02	09/18/2026	26I026	In place	**3.05**	-	-	-	-	-	-	-	-	-	-	-
EX34-W01	EX34-W01	09/15/2026	26I019	Removed	-	**127**	-	-	-	-	-	-	-	-	-	-
EX40-B01	EX40-B01	09/15/2026	26I020	In place	-	-	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	**0.066 J**	<0.018	**0.066**
EX40-B02	EX40-B02	09/15/2026	26I020	In place	-	-	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.018	<0.018	<0.018
EX40-S01	EX40-S01	09/15/2026	26I020	In place	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.21**	<0.021	**0.21**
EX40-S02	EX40-S02DL	09/15/2026	26I020	In place	-	-	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	**0.52**	<0.037	**0.52**
EX40-S03	EX40-S03	09/15/2026	26I020	In place	-	-	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	**0.069 J**	<0.018	**0.069**
EX40-S04	EX40-S04	09/21/2026	26I029	In place	-	-	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	**0.022 J**	<0.02	**0.022**
EX40-S05	EX40-S05	09/21/2026	26I029	In place	-	-	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	**0.075 J**	<0.018	**0.075**
EX44-W01	EX44-W01	09/17/2026	26I022	In place	-	**17.6**	-	-	-	-	-	-	-	-	-	-
EX46-N01	EX46-N01	09/17/2026	26I022	In place	-	**23**	-	-	-	-	-	-	-	-	-	-
EX46-S01	EX46-S01	09/17/2026	26I022	In place	-	**25.4**	-	-	-	-	-	-	-	-	-	-
EX46-S02	EX46-S02	09/17/2026	26I022	In place	-	**16.3**	-	-	-	-	-	-	-	-	-	-

Note:
Detected concentrations are **bold-faced**
mg/kg= milligrams per kilogram
- = Not analyzed/Not available
< = analyte not detected at or above laboratory reporting limit
J = Estimated below laboratory reporting limit
SDG = Lab Sample Delivery Group

Figures

1 Lead, Step-Out Samples, AOC2-SB-08
2 Lead, Step-Out Samples, AOC2-SB-09
3 Lead, Step-Out Samples, AOC2-SB-20
4 Lead, Step-Out Samples, AOC2-SB-23
5 Lead, Step-Out Samples, AOC2-SB-34
6 PCB, Step-Out Samples, AOC2-SB-40
7 Lead, Step-Out Samples, AOC2-SB-47
8 Arsenic, Step-Out Samples, AOC3-SB-01
9 Lead, Step-Out Samples, AOC3-SB-03
10 Lead, Step-Out Samples, AOC3-SB-04
11 Lead, Step-Out Samples, AOC3-SB-13
12 Lead, Step-Out Samples, AOC3-SB-24
13 Lead, Step-Out Samples, AOC3-SB-44
14 PCB, Step-Out Samples, AOC4-SB-16
15 PCB, Step-Out Samples, AOC4-SB-31
16 Lead, Step-Out Samples, AOC4-SB-46
17 Lead, Step-Out Samples, AOC5-SB-28

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

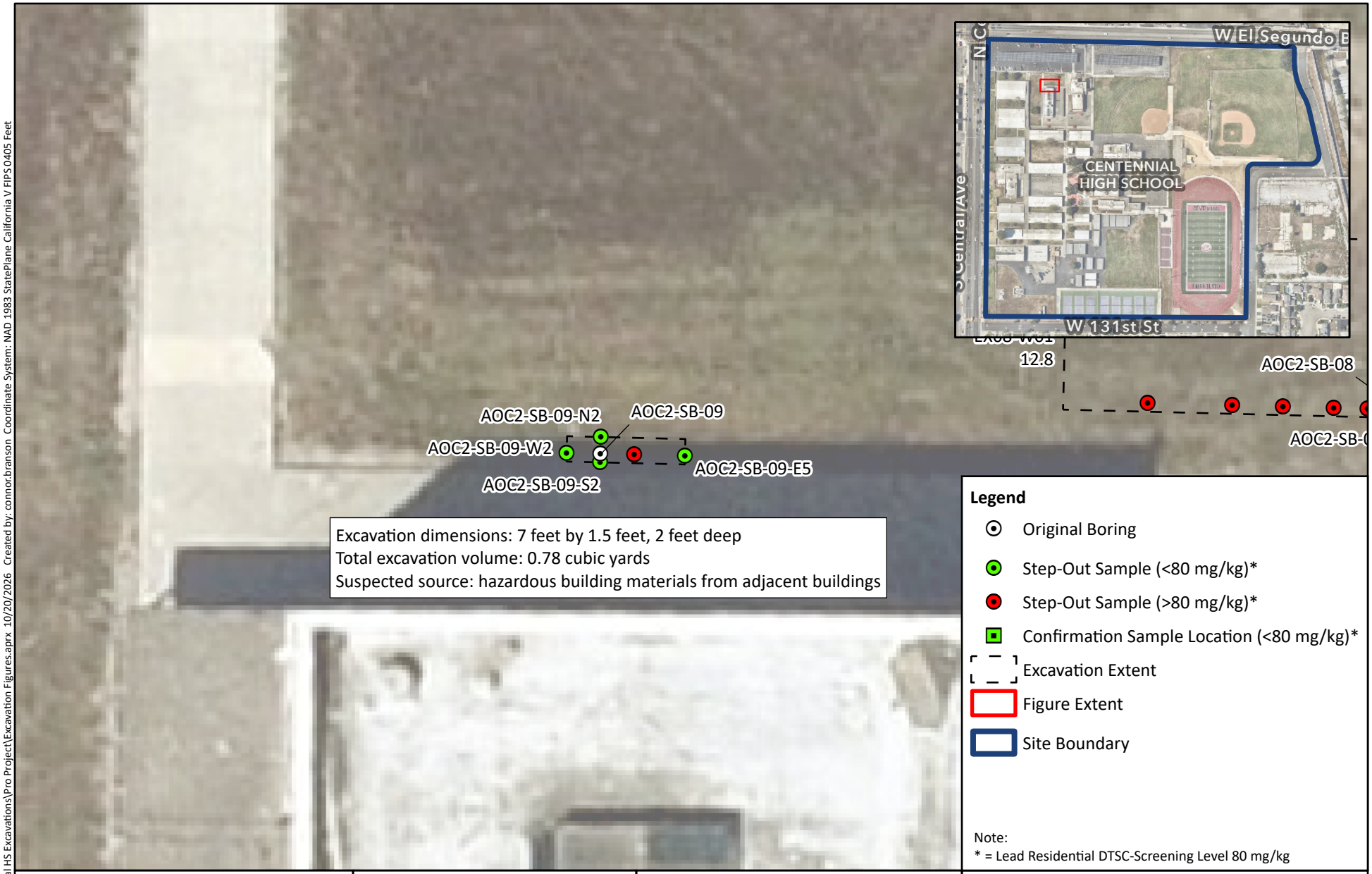
SAFETY FIRST

terraphase engineering

CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-08

FIGURE 1



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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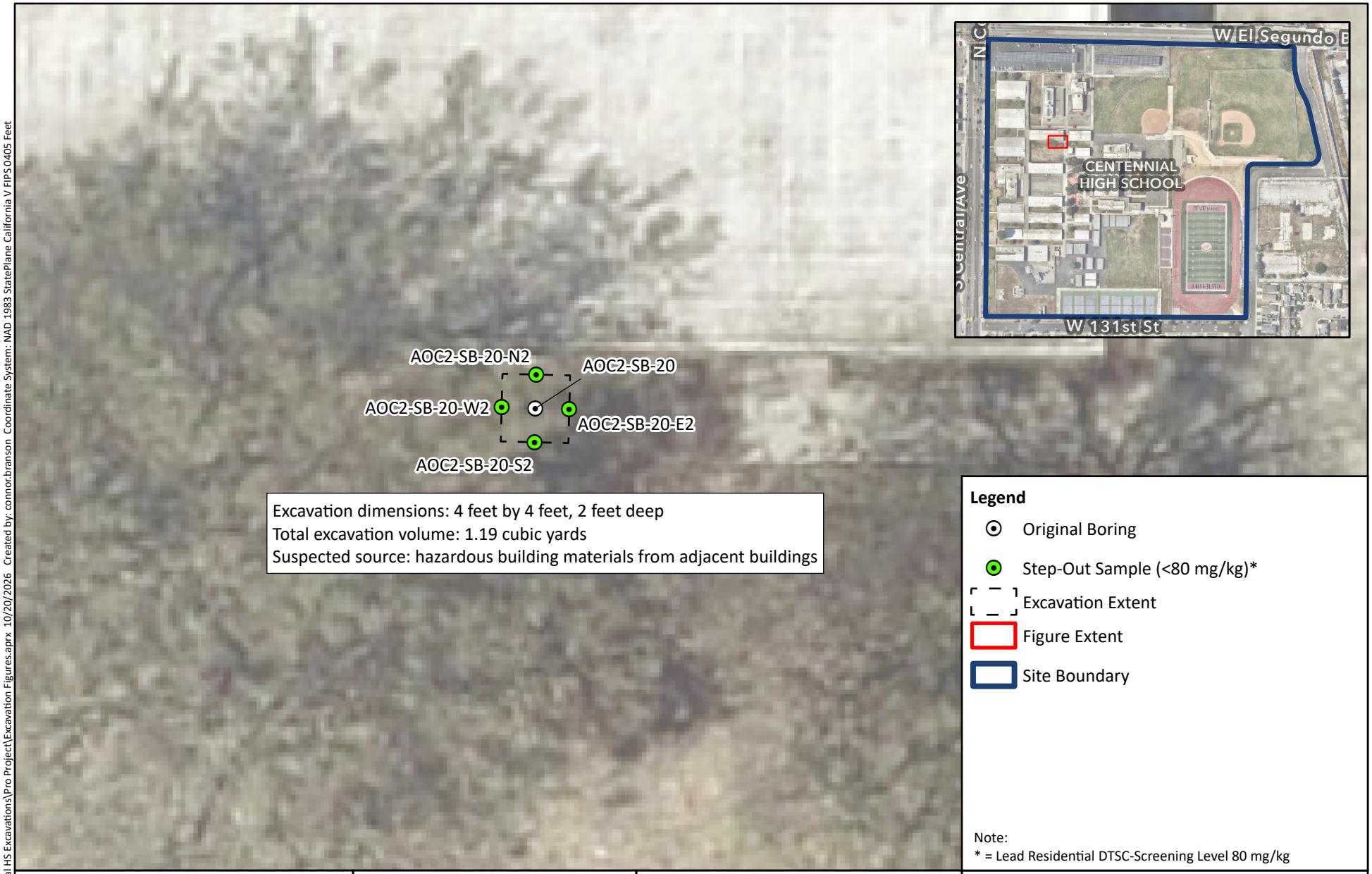
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-09

FIGURE 2

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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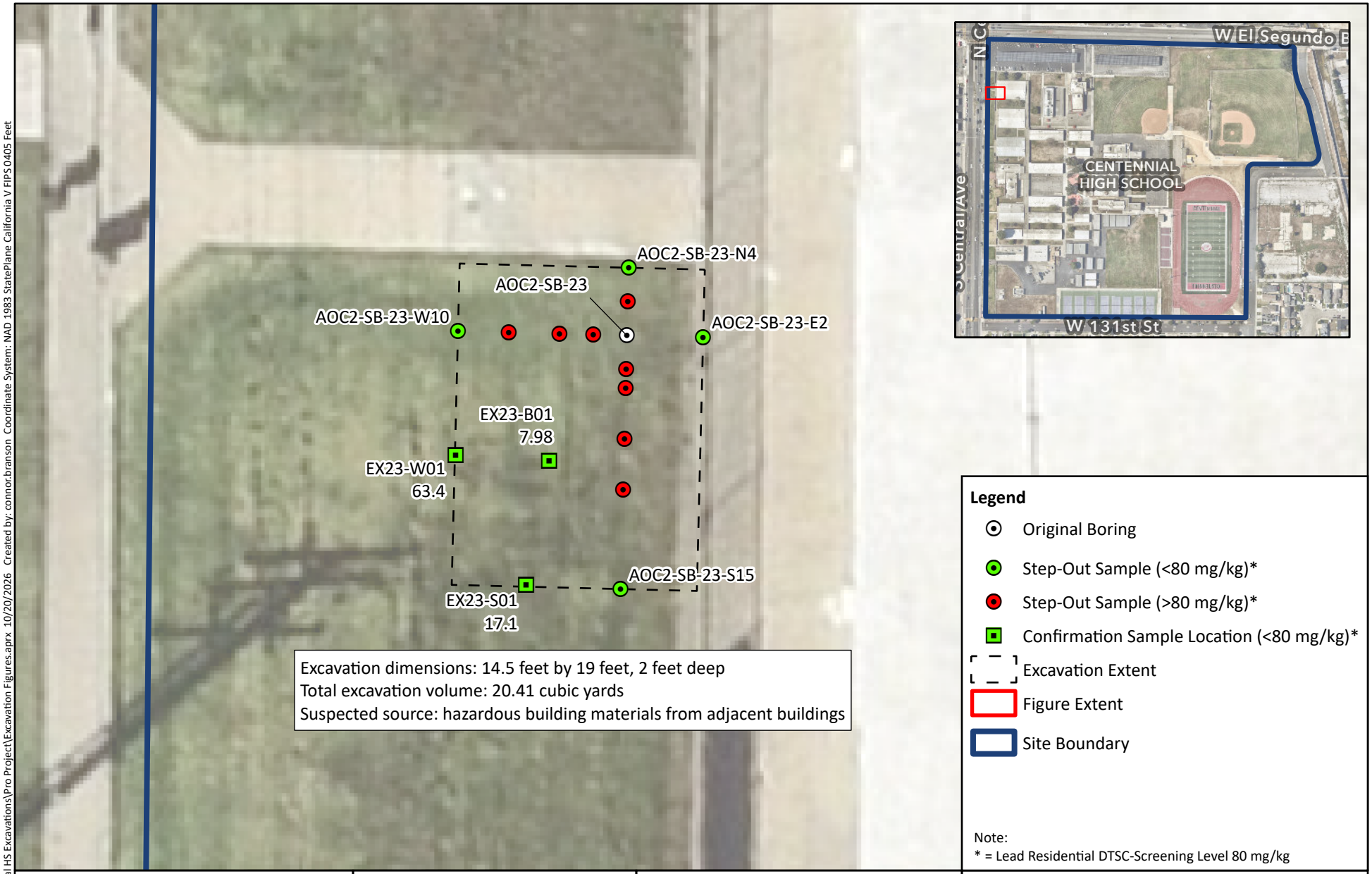
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-20

FIGURE 3

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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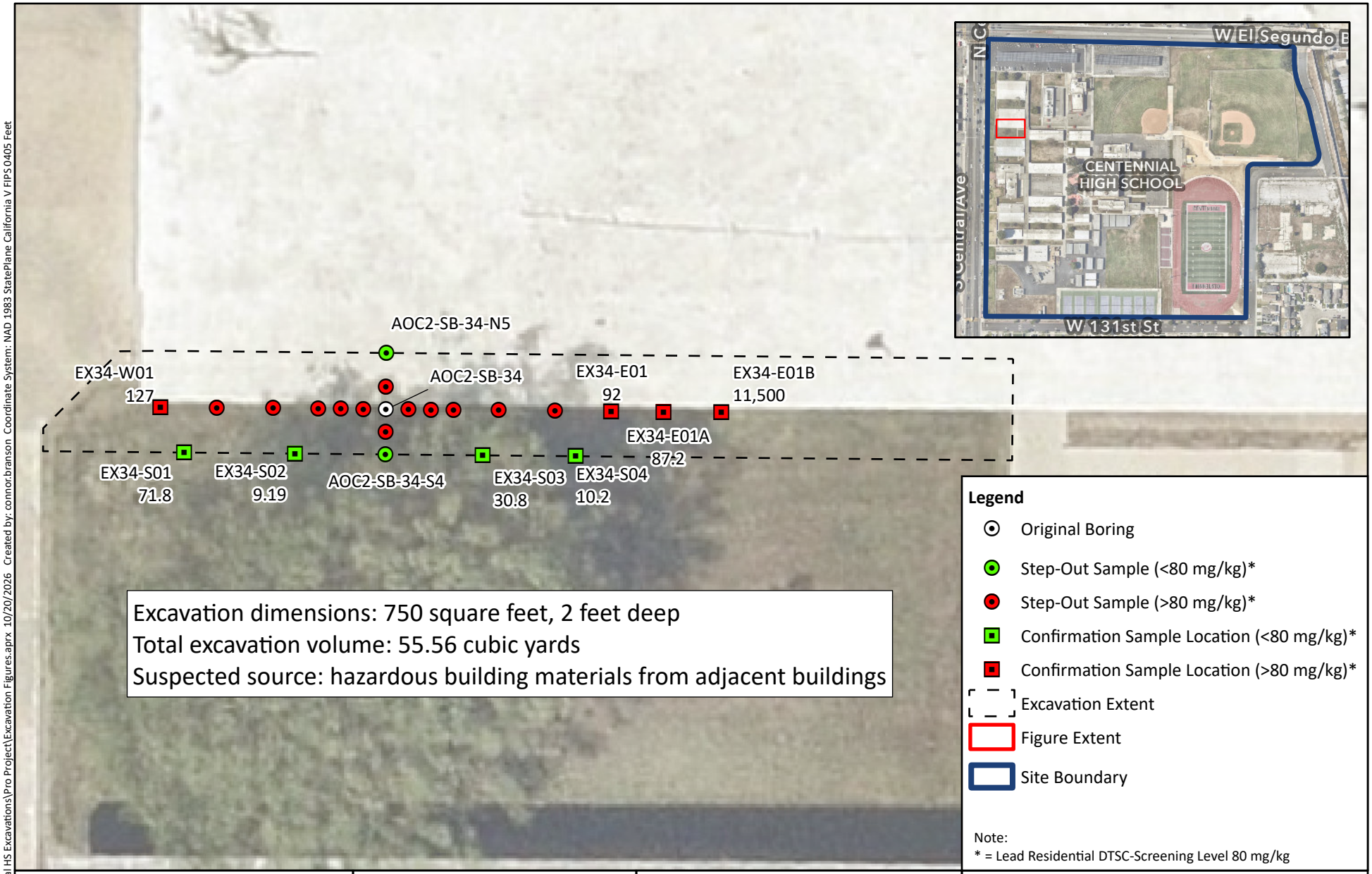
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-23

FIGURE 4

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 3 6 12 Feet

1 inch = 12 feet

N

Imagery Source: Nearmap May 2, 2025

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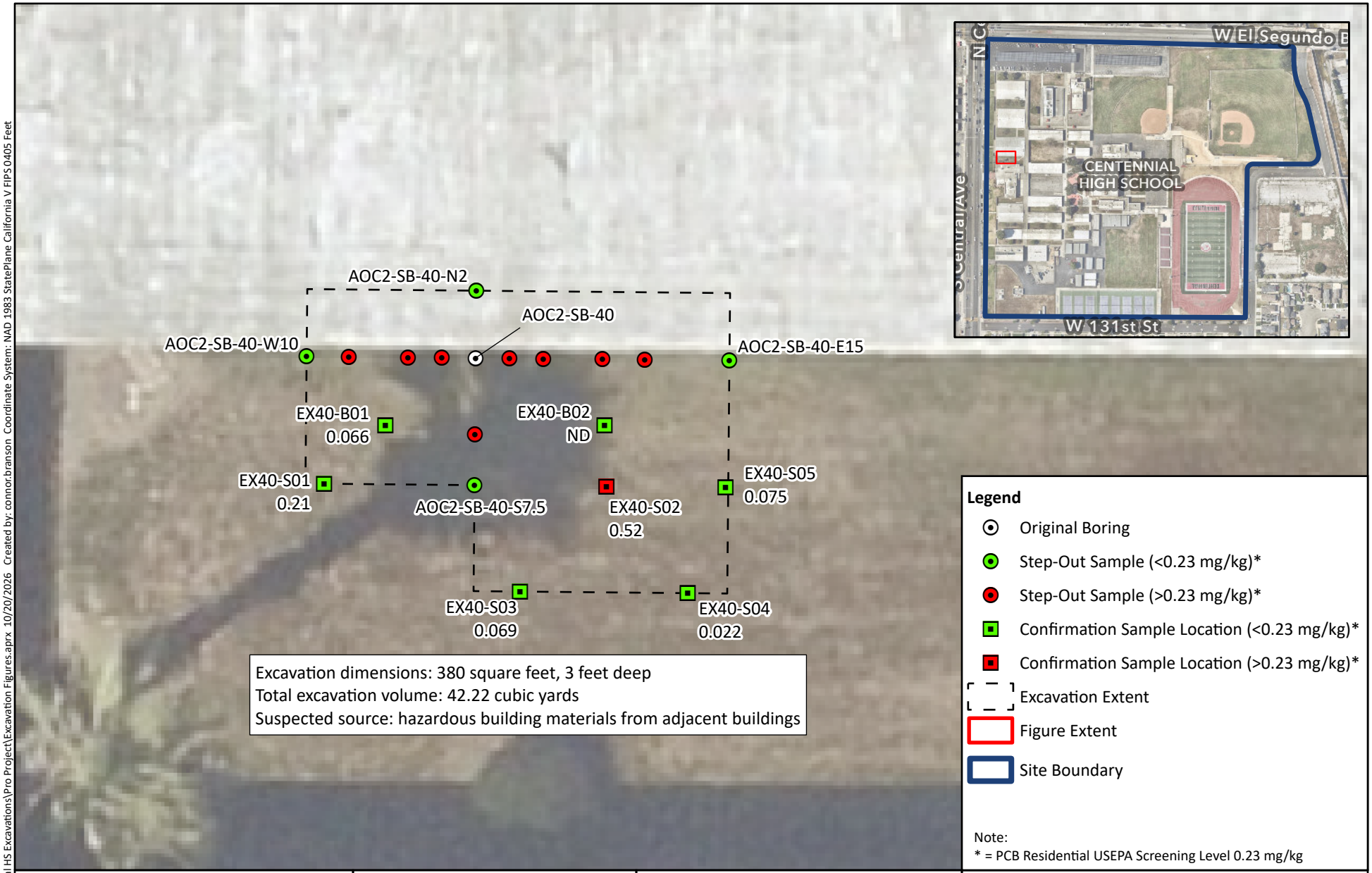
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-34

FIGURE 5

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

SAFETY FIRST

terraphase engineering

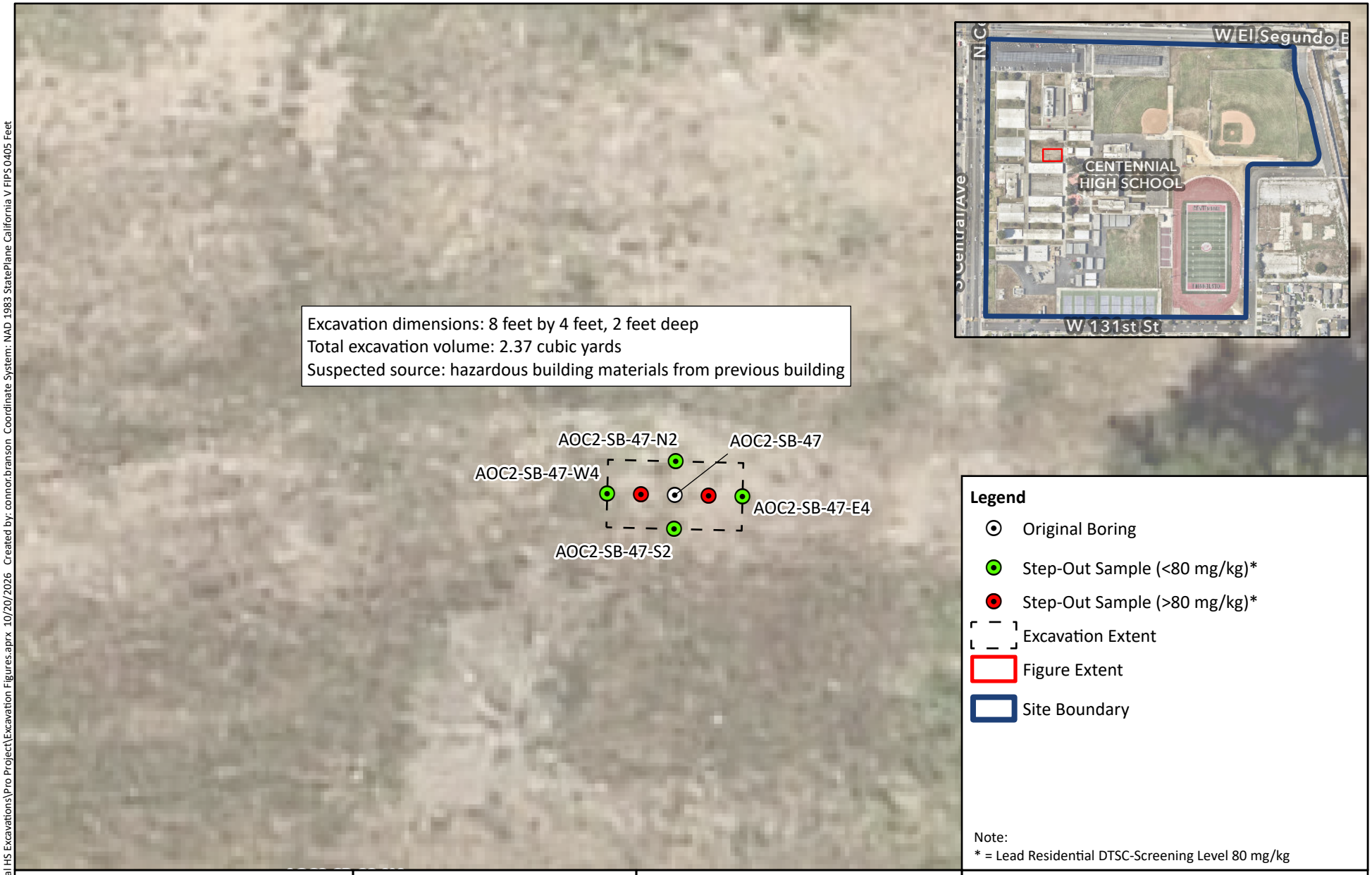
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

PCB
Step-Out Samples
AOC2-SB-40

FIGURE 6

File: Z:\Projects\0500 Centennial HS Excavation\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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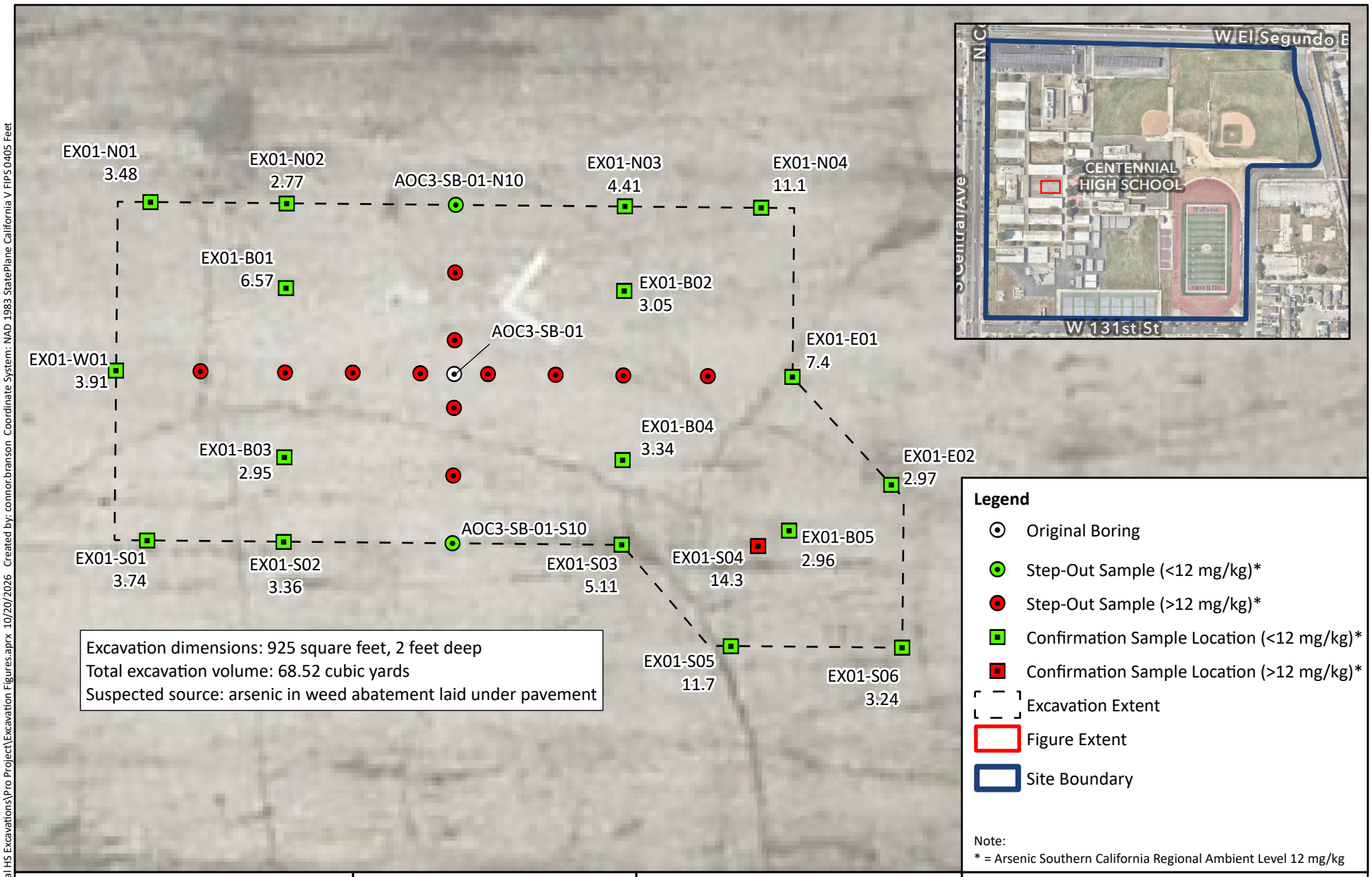
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC2-SB-47

FIGURE 7

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



SAFETY FIRST

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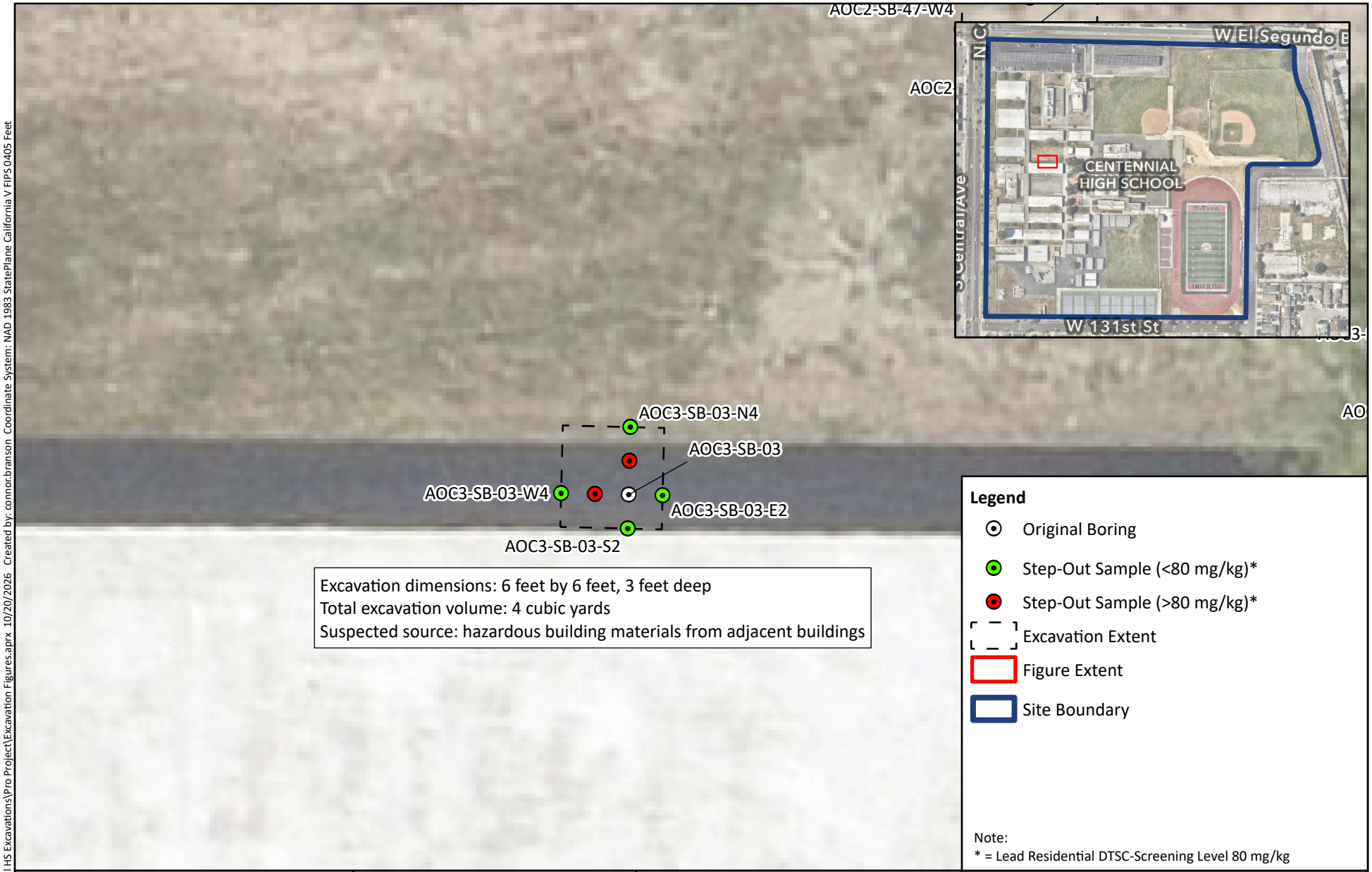
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Arsenic
Step-Out Samples
AOC3-SB-01

FIGURE 8

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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CLIENT: Orbach Huff Henderson LLP

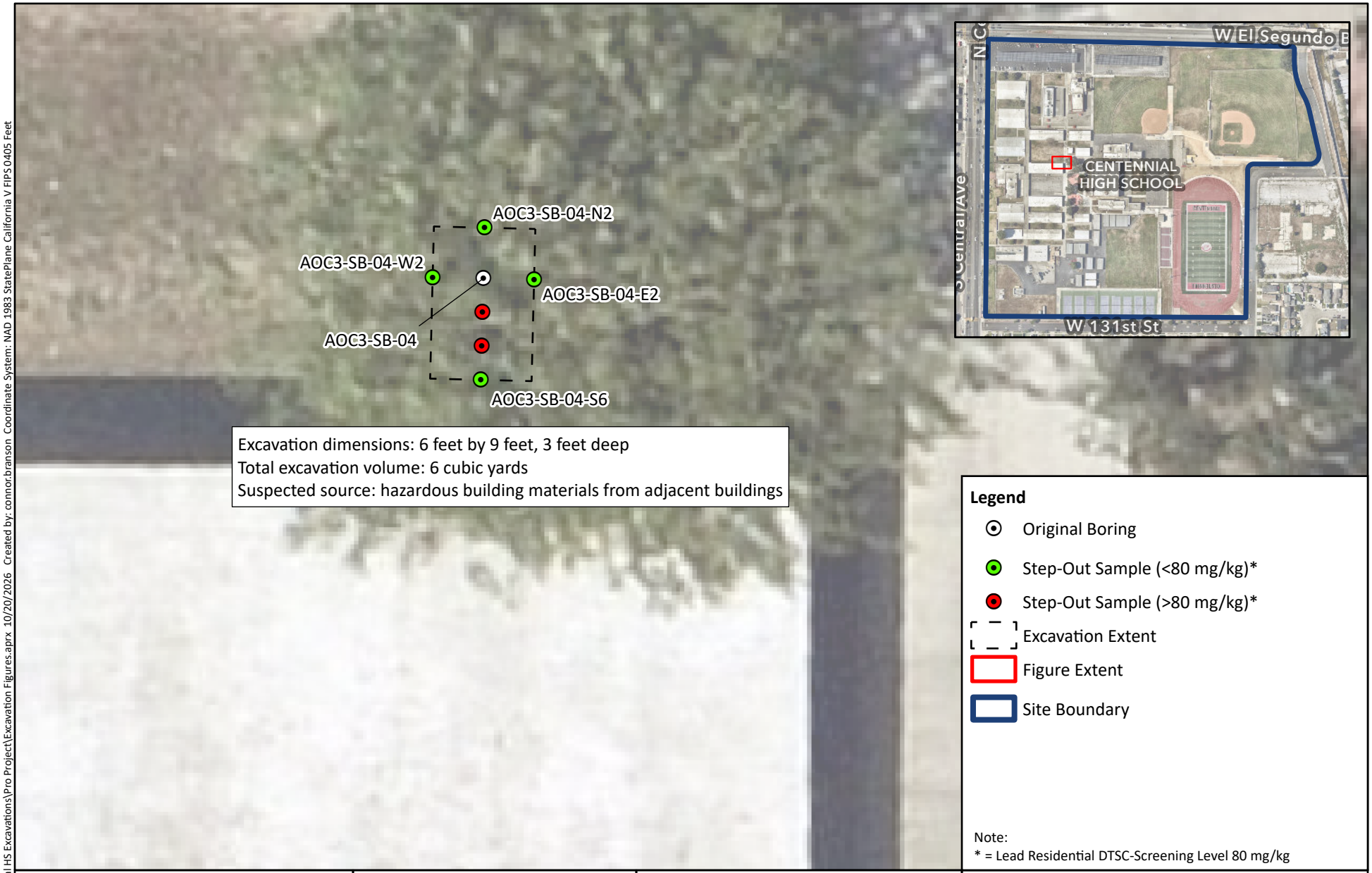
PROJECT: Centennial HS PEA
2606 N Central Ave, Compton, CA 90222

PROJECT NUMBER: 0500.002.002

Lead
Step-Out Samples
AOC3-SB-03

FIGURE 9

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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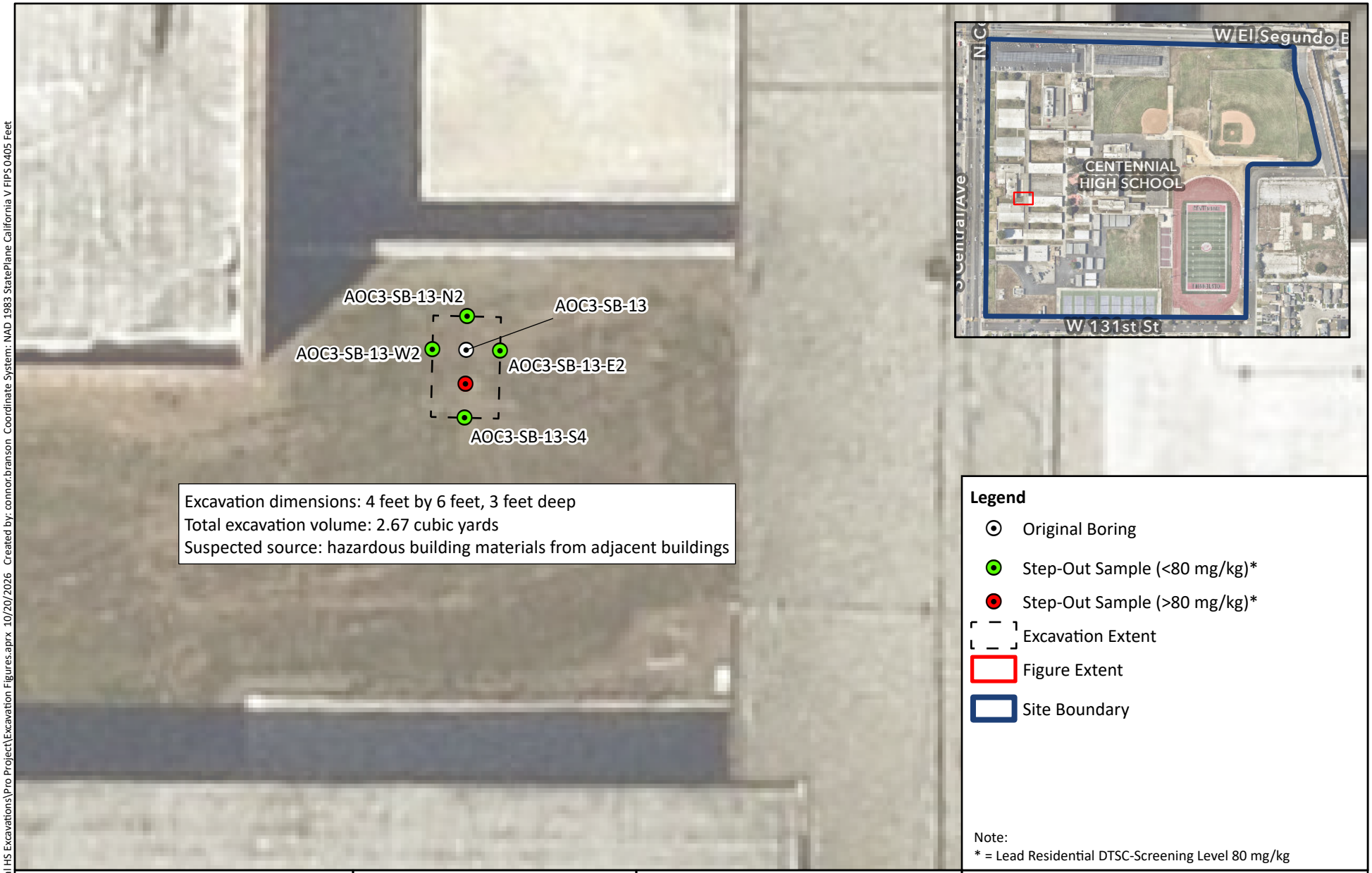
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC3-SB-04

FIGURE 10

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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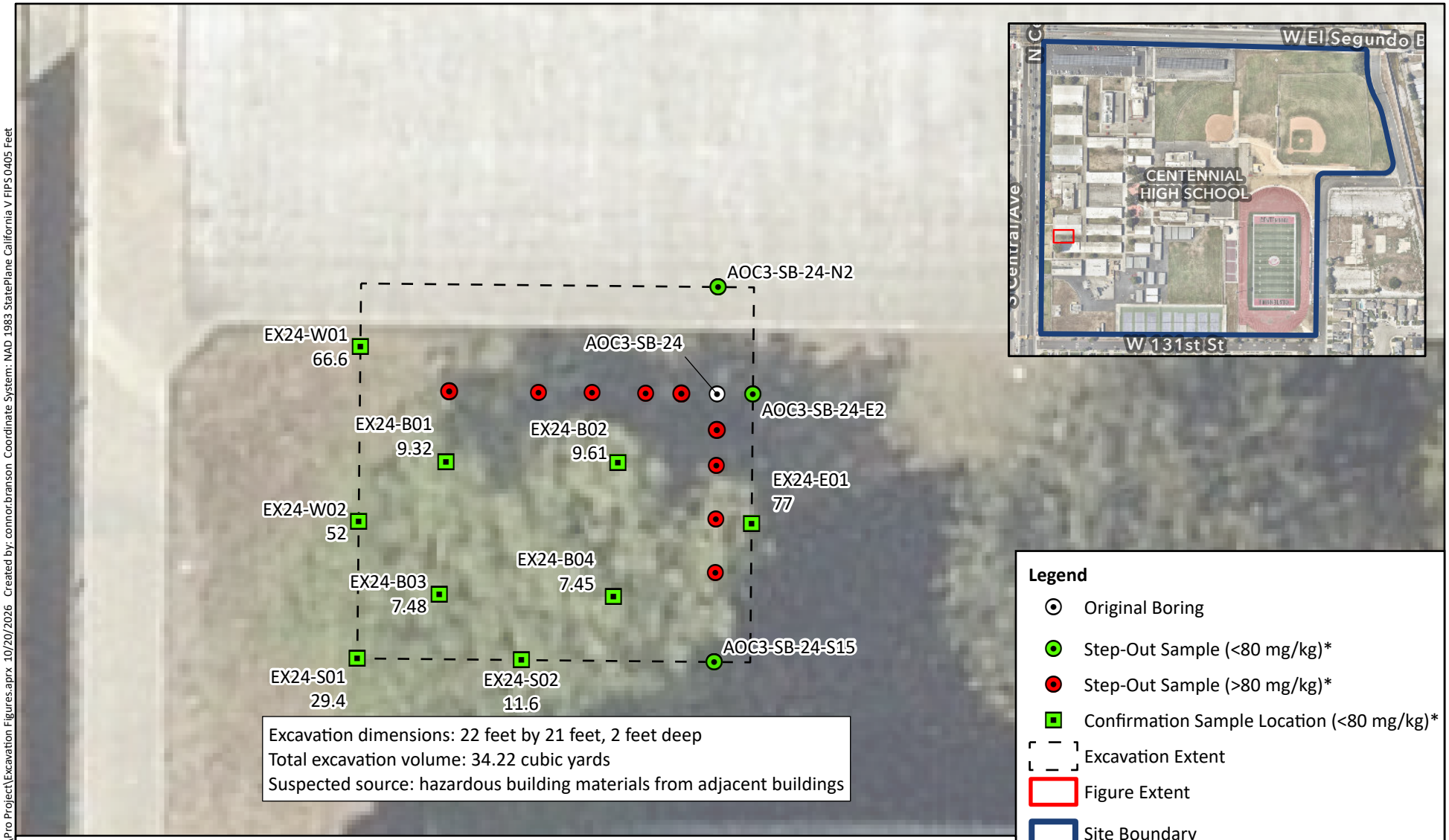
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC3-SB-13

FIGURE 11

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



Legend

- Original Boring
- Step-Out Sample (<80 mg/kg)*
- Step-Out Sample (>80 mg/kg)*
- Confirmation Sample Location (<80 mg/kg)*
- Excavation Extent
- Figure Extent
- Site Boundary

Note:
* = Lead Residential DTSC-Screening Level 80 mg/kg

Additional Note:
The first round of step-out samples were analyzed for PCBs and lead. The PCB analytical results were all below the residential USEPA RSL of 230 µg/kg, while the lead analytical results from the west and south step-outs were above the residential DTSC-SL of 80 mg/kg. Further step-outs were only analyzed for lead.

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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CLIENT: Orbach Huff Henderson LLP

PROJECT: Centennial HS PEA
2606 N Central Ave, Compton, CA 90222

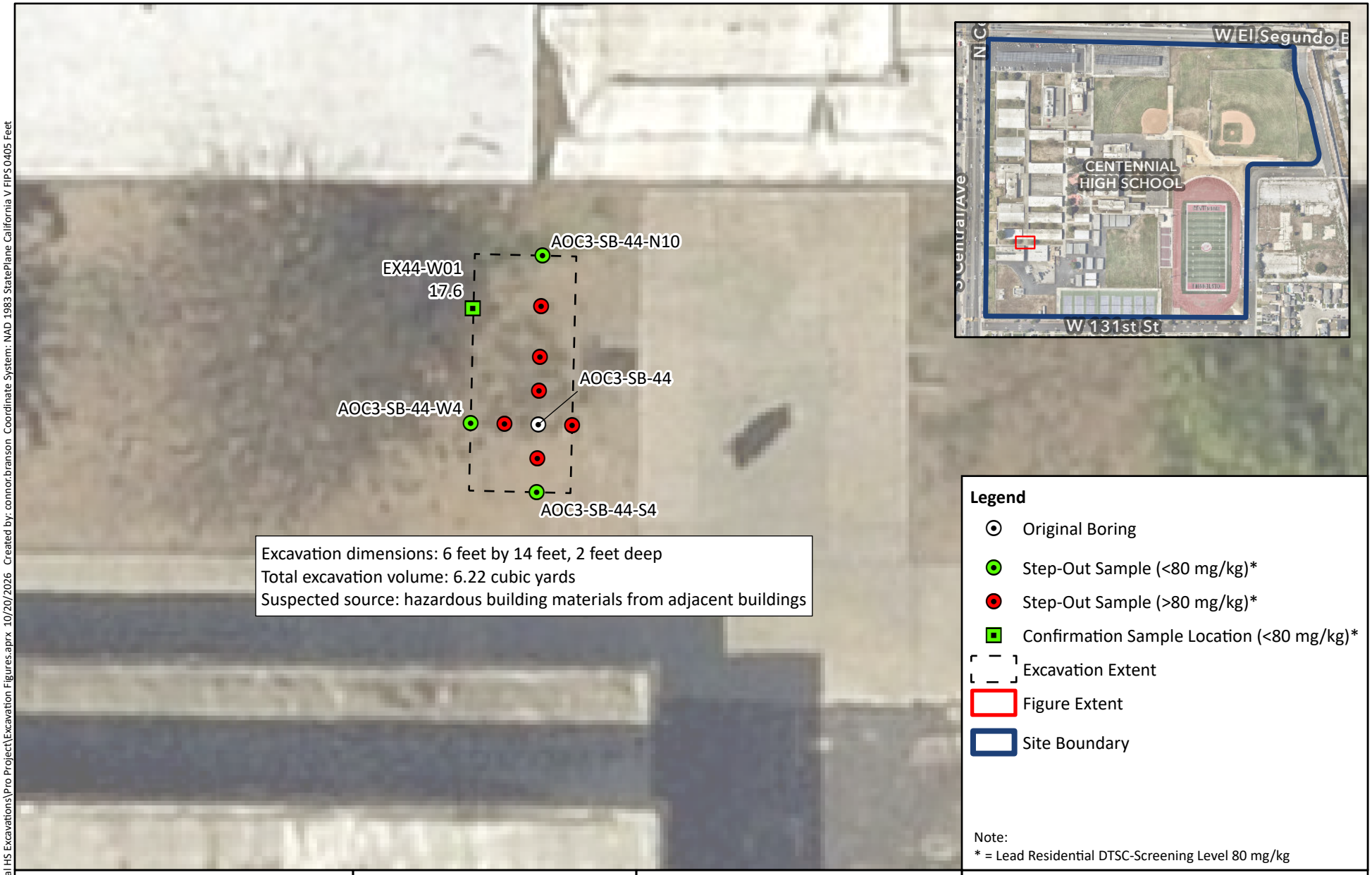
PROJECT NUMBER: 0500.002.002

Lead
Step-Out Samples
AOC3-SB-24

FIGURE 12

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

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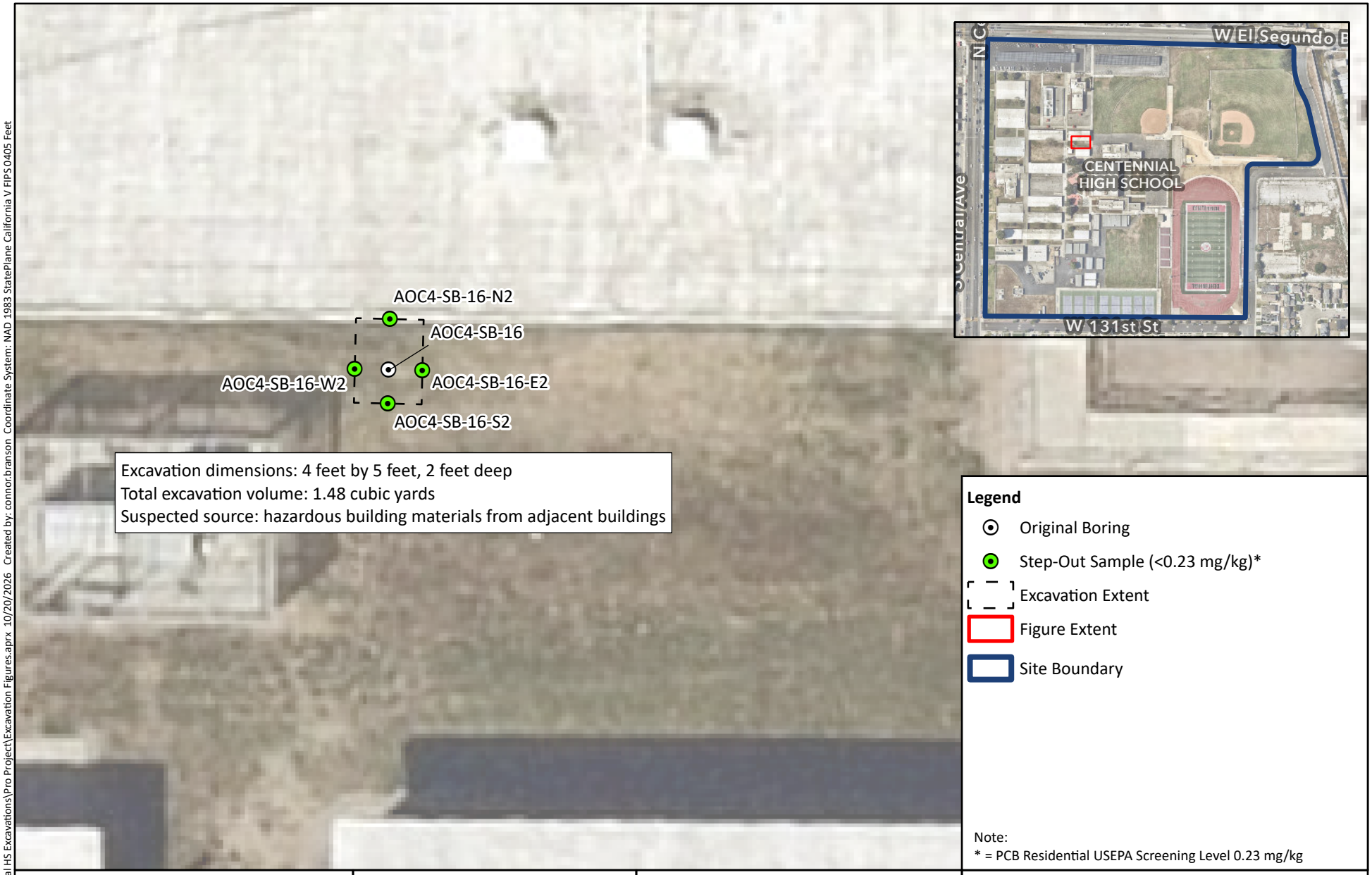
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC3-SB-44

FIGURE 13

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

SAFETY FIRST

terraphase engineering

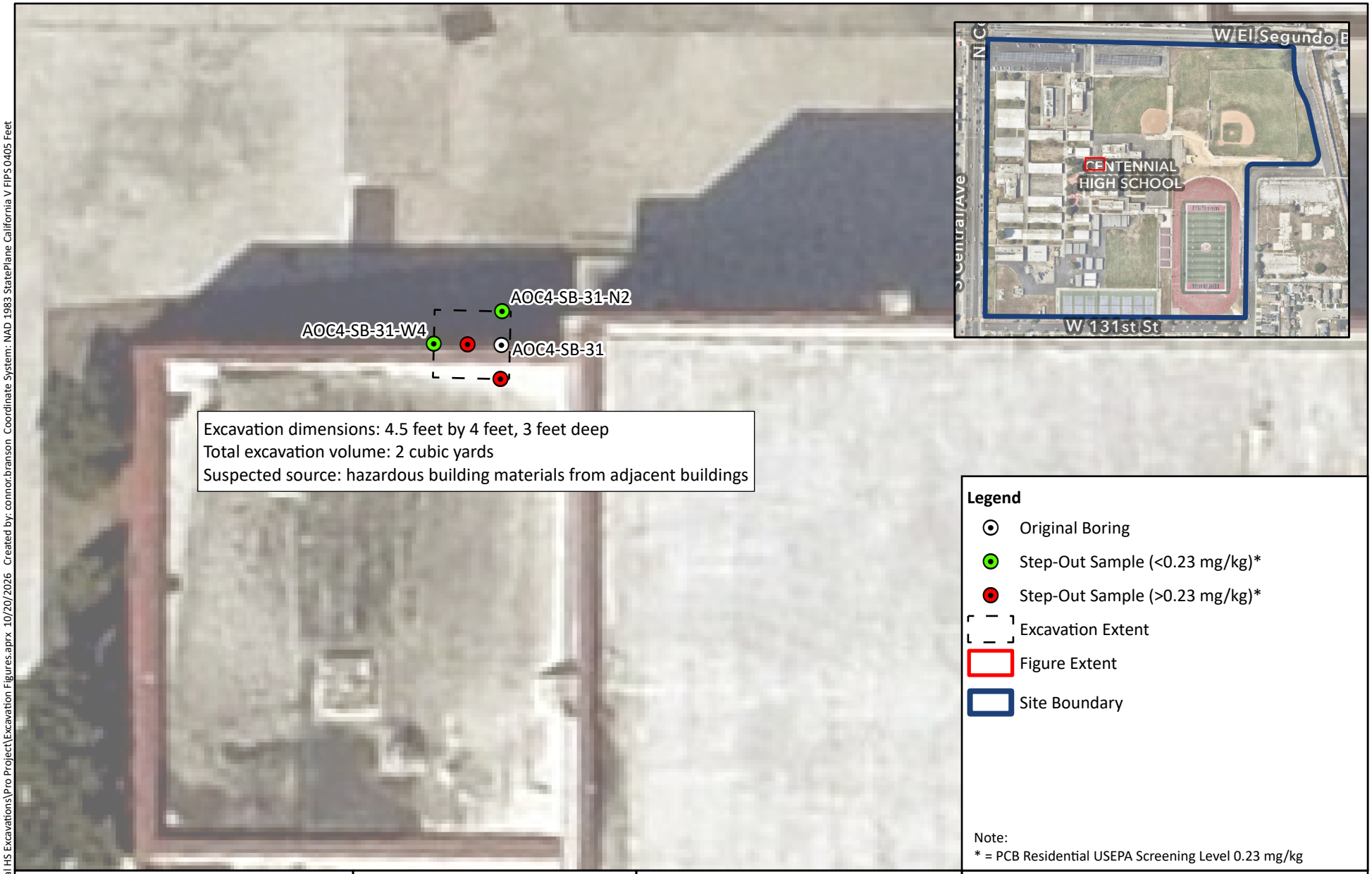
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

PCB
Step-Out Samples
AOC4-SB-16

FIGURE 14

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

SAFETY FIRST

terraphase engineering

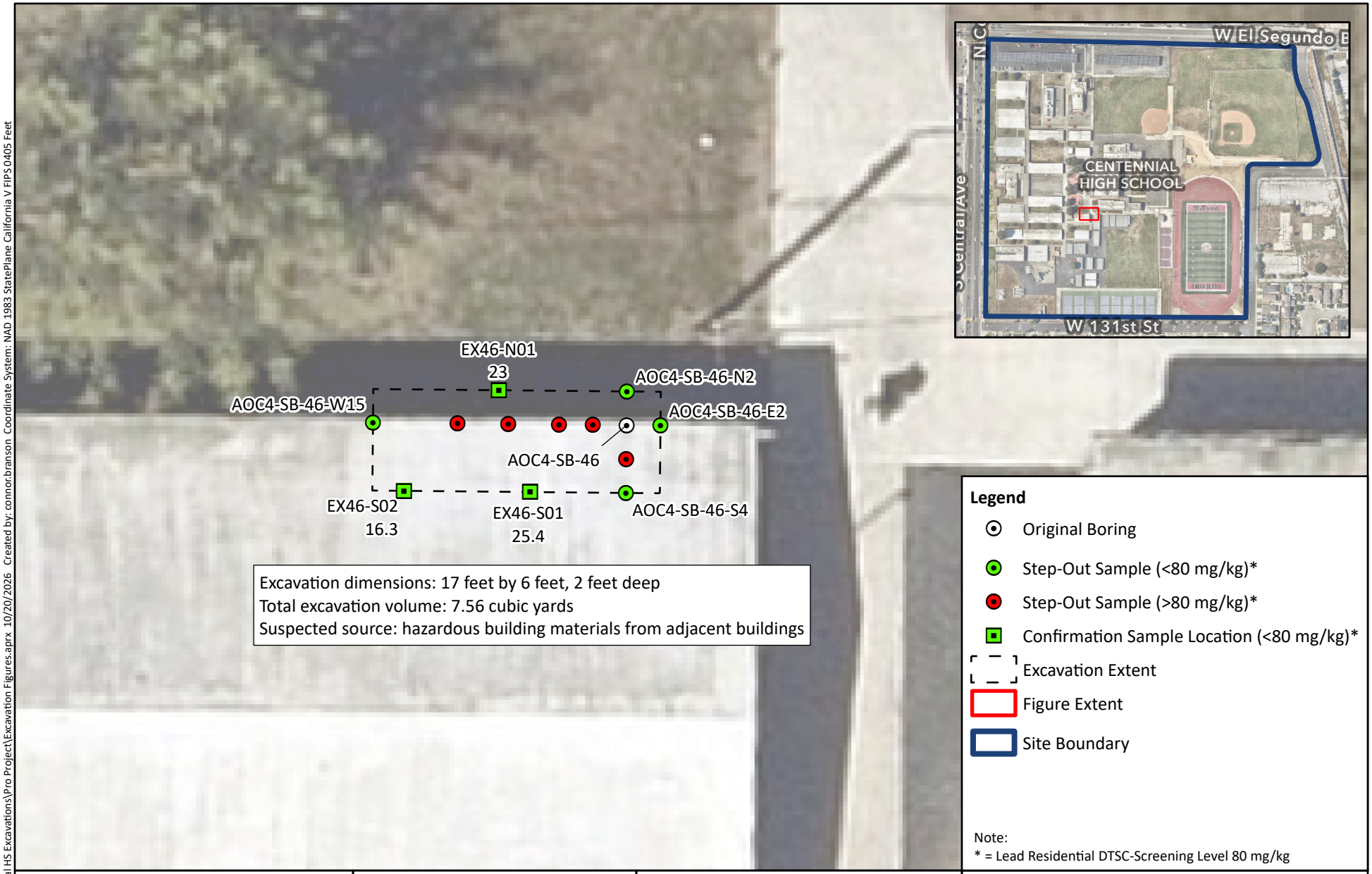
CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

PCB
Step-Out Samples
AOC4-SB-31

FIGURE 15

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report



File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

SAFETY FIRST

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CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC4-SB-46

FIGURE 16

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

File: Z:\Projects\0500 Centennial HS Excavations\Pro Project\Excavation Figures.aprx 10/20/2026 Created by: connor.branson Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

0 2 4 8 Feet

1 inch = 8 feet

N

Imagery Source: Nearmap May 2, 2025

SAFETY FIRST

terraphase engineering

CLIENT:	Orbach Huff Henderson LLP
PROJECT:	Centennial HS PEA 2606 N Central Ave, Compton, CA 90222
PROJECT NUMBER:	0500.002.002

Lead
Step-Out Samples
AOC5-SB-28

FIGURE 17

Appendix A

Step-out Sampling Results

Table 1
Excavation Extents and Volumes
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

Excavation Primary Sample Location	Analyte	Distance from Primary Boring (feet)				Excavation Length (feet)	Excavation Width (feet)	Depth of Excavation (feet)	Volume (cubic yards)	Notes
		North	East	South	West					
AOC2-SB-08	Lead	10	2	0.5	**20**	10.5	22	3	25.67	Confirmation samples required
AOC2-SB-09	Lead	1	5	0.5	2	1.5	7	2	0.78	
AOC2-SB-20	Lead	2	2	2	2	4	4	2	1.19	
AOC2-SB-23	Lead	4	4.5	15	10	19	14.5	2	20.41	Confirmation samples required
AOC2-SB-34	Lead	5	**20**	4	**20**	9	40	2	26.67	Confirmation samples required
AOC2-SB-40	PCBs	4	15	7.5	10	11.5	25	3	31.94	Confirmation samples required
AOC2-SB-47	Lead	2	4	2	4	4	8	2	2.37	
AOC3-SB-01	Arsenic	10	**20**	10	**20**	20	40	2	59.26	Confirmation samples required
AOC3-SB-03	Lead	4	2	2	4	6	6	3	4.00	
AOC3-SB-04	Lead	3	3	6	3	9	6	3	6.00	
AOC3-SB-13	Lead	2	2	4	2	6	4	3	2.67	
AOC3-SB-24	Lead, PCBs	6	2	15	**20**	21	22	2	34.22	Confirmation samples required for lead only
AOC3-SB-44	Lead	10	2	4	4	14	6	2	6.22	
AOC4-SB-16	PCBs	3	2	2	2	5	4	2	1.48	
AOC4-SB-31	PCBs	2	0.5	2	4	4	4.5	3	2.00	
AOC4-SB-46	Lead	2	2	4	15	6	17	2	7.56	Confirmation samples required
AOC5-SB-28	Lead	3	1	3	2	6	3	2	1.33	
								Total	233.8	

Gray highlight = Outer limit is unbounded

Confirmation sampling requirements:

- minimum one sidewall per wall and one bottom sample per excavation, if not bounded
- minimum of one sidewall sample per 10 linear feet
- minimum of one bottom sample per 250 square feet, if not vertically delineated

Table 2
Step-Out Sample Arsenic in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

					Metal
					Arsenic
					mg/kg
CA Specific Arsenic Background					12
Location Code	**Depth ft-bgs**	**Field ID**	**SDG**	**Date**	
AOC3-SB-01	0 - 0.5	AOC3-SB-01-0.5	553104	02/12/2026	**49**
	2 - 2.5	AOC3-SB-01-2.5	554603	02/12/2026	**2.8**
AOC3-SB-01-E2	0 - 0.5	AOC3-SB-01-E2-0.5	560970	06/04/2026	**32**
	1.5 - 2	AOC3-SB-01-E2-2.0	560970	06/04/2026	**3.2**
AOC3-SB-01-E6	0 - 0.5	AOC3-SB-01-E6-0.5	561126	06/08/2026	**43**
	1.5 - 2	AOC3-SB-01-E6-2.0	561126	06/08/2026	**3.0**
AOC3-SB-01-E10	0 - 0.5	AOC3-SB-01-E10-0.5	561497	06/12/2026	**41**
	1.5 - 2	AOC3-SB-01-E10-2.0	561497	06/12/2026	**2.9**
AOC3-SB-01-E15	0 - 0.5	AOC3-SB-01-E15-0.5	561497	06/12/2026	**32**
AOC3-SB-01-N2	0 - 0.5	AOC3-SB-01-N2-0.5	560970	06/04/2026	**25**
	1.5 - 2	AOC3-SB-01-N2-2.0	560970	06/04/2026	**4.0**
AOC3-SB-01-N6	0 - 0.5	AOC3-SB-01-N6-0.5	561126	06/08/2026	**17**
	1.5 - 2	AOC3-SB-01-N6-2.0	561126	06/08/2026	**2.7**
AOC3-SB-01-N10	0 - 0.5	AOC3-SB-01-N10-0.5	561497	06/12/2026	**3.3**
AOC3-SB-01-S2	0 - 0.5	AOC3-SB-01-S2-0.5	560970	06/04/2026	**47**
		DUP-01-260604-0.5	560970	06/04/2026	**48**
	1.5 - 2	AOC3-SB-01-S2-2.0	560970	06/04/2026	**5.3**
AOC3-SB-01-S6	0 - 0.5	AOC3-SB-01-S6-0.5	561126	06/08/2026	**20**
	1.5 - 2	AOC3-SB-01-S6-2.0	561126	06/08/2026	**3.1**
AOC3-SB-01-W2	0 - 0.5	AOC3-SB-01-W2-0.5	560970	06/04/2026	**32**
	1.5 - 2	AOC3-SB-01-W2-2.0	560970	06/04/2026	**3.9**
AOC3-SB-01-W6	0 - 0.5	AOC3-SB-01-W6-0.5	561126	06/08/2026	**46**
	1.5 - 2	AOC3-SB-01-W6-2.0	561126	06/08/2026	**3.9**
AOC3-SB-01-W10	0 - 0.5	AOC3-SB-01-W10-0.5	561497	06/12/2026	**42**
	1.5 - 2	AOC3-SB-01-W10-2.0	561497	06/12/2026	**2.2**
AOC3-SB-01-W15	0 - 0.5	AOC3-SB-01-W15-0.5	561497	06/12/2026	**52**

Note:
Detected concentrations are **bold-faced**
mg/kg = milligrams per kilogram
SDG = Lab Sample Delivery Group

Environmental Standards
G. Chernoff, W. Bosan, D. Oudiz, Determination of a Southern California Regional Background Arsenic Concentration in Soil, 2008, CA Specific Arsenic Background

Table 3
Step-Out Sample Lead in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

	Metal
	Lead
	mg/kg
DTSC-SLs Soil Res (2025)	80

Original Boring	Location Code	Depth ft-bgs	Field ID	Date	SDG	
AOC2-SB-08	AOC2-SB-08	0 - 0.5	AOC2-SB-08-0.5	02/11/2026	552963	**160**
		2 - 2.5	AOC2-SB-08-2.5	02/11/2026	554603	**8.0**
	AOC2-SB-08-E2	0 - 0.5	AOC2-SB-08-E2-0.5	06/02/2026	560748	**65**
	AOC2-SB-08-N2	0 - 0.5	AOC2-SB-08-N2-0.5	06/02/2026	560748	**160**
		1.5 - 2	AOC2-SB-08-N2-2.0	06/02/2026	560748	**67**
	AOC2-SB-08-N3	0 - 0.5	AOC2-SB-08-N3-0.5	06/05/2026	561043	**99**
		1.5 - 2	AOC2-SB-08-N3-2.0	06/05/2026	561043	**45**
	AOC2-SB-08-N7	0 - 0.5	AOC2-SB-08-N7-0.5	06/08/2026	561126	**86**
		1.5 - 2	AOC2-SB-08-N7-2.0	06/08/2026	561126	**28**
	AOC2-SB-08-N10	0 - 0.5	AOC2-SB-08-N10-0.5	06/12/2026	561497	**21**
	AOC2-SB-08-S2	0 - 0.5	AOC2-SB-08-S2-0.5	06/02/2026	560748	**57**
	AOC2-SB-08-W2	0 - 0.5	AOC2-SB-08-W2-0.5	06/02/2026	560748	**430**
		1.5 - 2	AOC2-SB-08-W2-2.0	06/02/2026	560748	**35**
	AOC2-SB-08-W4	0 - 0.5	AOC2-SB-08-W4-0.5	06/05/2026	561043	**240**
		1.5 - 2	AOC2-SB-08-W4-2.0	06/05/2026	561043	**81**
		2.5 - 3	AOC2-SB-08-W4-3.0	06/12/2026	561497	**5.5**
	AOC2-SB-08-W7	0 - 0.5	AOC2-SB-08-W7-0.5	06/08/2026	561126	**420**
		1.5 - 2	AOC2-SB-08-W7-2.0	06/08/2026	561126	**280**
	AOC2-SB-08-W10	0 - 0.5	AOC2-SB-08-W10-0.5	06/09/2026	561194	**85**
	AOC2-SB-08-W15	0 - 0.5	AOC2-SB-08-W15-0.5	06/12/2026	561497	**680**
AOC2-SB-09	AOC2-SB-09	0 - 0.5	AOC2-SB-09-0.5	02/11/2026	552963	**200**
		2 - 2.5	AOC2-SB-09-2.5	02/11/2026	554603	**16**
	AOC2-SB-09-E2	0 - 0.5	AOC2-SB-09-E2-0.5	06/02/2026	560748	**100**
		1.5 - 2	AOC2-SB-09-E2-2.0	06/02/2026	560748	**31**
	AOC2-SB-09-E5	0 - 0.5	AOC2-SB-09-E5-0.5	06/05/2026	561043	**56**
	AOC2-SB-09-N2	0 - 0.5	AOC2-SB-09-N2-0.5	06/02/2026	560748	**60**
			DUP-02-260602-0.5	06/02/2026	560748	**57**
	AOC2-SB-09-S2	0 - 0.5	AOC2-SB-09-S2-0.5	06/02/2026	560748	**37**
	AOC2-SB-09-W2	0 - 0.5	AOC2-SB-09-W2-0.5	06/02/2026	560748	**64**
AOC2-SB-20	AOC2-SB-20	0 - 0.5	AOC2-SB-20-0.5	02/11/2026	552963	**90**
		2 - 2.5	AOC2-SB-20-2.5	02/11/2026	554603	**12**
	AOC2-SB-20-E2	0 - 0.5	AOC2-SB-20-E2-0.5	06/03/2026	560871	**25**
	AOC2-SB-20-N2	0 - 0.5	AOC2-SB-20-N2-0.5	06/03/2026	560871	**22**
	AOC2-SB-20-S2	0 - 0.5	AOC2-SB-20-S2-0.5	06/03/2026	560871	**31**
	AOC2-SB-20-W2	0 - 0.5	AOC2-SB-20-W2-0.5	06/03/2026	560871	**43**

Table 3
Step-Out Sample Lead in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

						Metal
						Lead
						mg/kg
DTSC-SLs Soil Res (2025)						80

Original Boring	Location Code	Depth ft-bgs	Field ID	Date	SDG	
AOC2-SB-23	AOC2-SB-23	0 - 0.5	AOC2-SB-23-0.5	02/10/2026	552829	**130**
		2 - 2.5	AOC2-SB-23-2.5	02/10/2026	554603	**4.5**
	AOC2-SB-23-E2	0 - 0.5	AOC2-SB-23-E2-0.5	06/02/2026	560748	**13**
	AOC2-SB-23-N2	0 - 0.5	AOC2-SB-23-N2-0.5	06/02/2026	560748	**130**
			DUP-01-260602-0.5	06/02/2026	560748	**120**
		1.5 - 2	AOC2-SB-23-N2-2.0	06/02/2026	560748	**15**
	AOC2-SB-23-N4	0 - 0.5	AOC2-SB-23-N4-0.5	06/05/2026	561043	**70**
	AOC2-SB-23-S2	0 - 0.5	AOC2-SB-23-S2-0.5	06/02/2026	560748	**92**
		1.5 - 2	AOC2-SB-23-S2-2.0	06/02/2026	560748	**16**
	AOC2-SB-23-S4	0 - 0.5	AOC2-SB-23-S4-0.5	06/05/2026	561043	**110**
		1.5 - 2	AOC2-SB-23-S4-2.0	06/05/2026	561043	**79**
	AOC2-SB-23-S7	0 - 0.5	AOC2-SB-23-S7-0.5	06/09/2026	561194	**110**
	AOC2-SB-23-S10	0 - 0.5	AOC2-SB-23-S10-0.5	06/09/2026	561194	**100**
		1.5 - 2	AOC2-SB-23-S10-2.0	06/12/2026	561497	**6.4**
	AOC2-SB-23-S15	0 - 0.5	AOC2-SB-23-S15-0.5	06/12/2026	561497	**42**
	AOC2-SB-23-W2	0 - 0.5	AOC2-SB-23-W2-0.5	06/02/2026	560748	**100**
		1.5 - 2	AOC2-SB-23-W2-2.0	06/02/2026	560748	**17**
	AOC2-SB-23-W4	0 - 0.5	AOC2-SB-23-W4-0.5	06/05/2026	561043	**140**
		1.5 - 2	AOC2-SB-23-W4-2.0	06/05/2026	561043	**57**
	AOC2-SB-23-W7	0 - 0.5	AOC2-SB-23-W7-0.5	06/09/2026	561194	**170**
	AOC2-SB-23-W10	0 - 0.5	AOC2-SB-23-W10-0.5	06/09/2026	561194	**42**
AOC2-SB-34	AOC2-SB-34	0 - 0.5	AOC2-SB-34-0.5	02/10/2026	552829	**120**
		2 - 2.5	AOC2-SB-34-2.5	02/10/2026	554603	**5.8**
	AOC2-SB-34-E2	0 - 0.5	AOC2-SB-34-E2-0.5	06/02/2026	560748	**130**
		1.5 - 2	AOC2-SB-34-E2-2.0	06/02/2026	560748	**46**
	AOC2-SB-34-E4	0 - 0.5	AOC2-SB-34-E4-0.5	06/05/2026	561043	**140**
		1.5 - 2	AOC2-SB-34-E4-2.0	06/05/2026	561043	**40**
	AOC2-SB-34-E6	0 - 0.5	AOC2-SB-34-E6-0.5	06/08/2026	561126	**110**
		1.5 - 2	AOC2-SB-34-E6-2.0	06/08/2026	561126	**57**
	AOC2-SB-34-E10	0 - 0.5	AOC2-SB-34-E10-0.5	06/12/2026	561497	**130**
		1.5 - 2	AOC2-SB-34-E10-2.0	06/12/2026	561497	**71**
	AOC2-SB-34-E15	0 - 0.5	AOC2-SB-34-E15-0.5	06/12/2026	561497	**130**
	AOC2-SB-34-N2	0 - 0.5	AOC2-SB-34-N2-0.5	06/02/2026	560748	**82**
		1.5 - 2	AOC2-SB-34-N2-2.0	06/02/2026	560748	**50**
	AOC2-SB-34-N5	0 - 0.5	AOC2-SB-34-N5-0.5	06/05/2026	561043	**80**
	AOC2-SB-34-S2	0 - 0.5	AOC2-SB-34-S2-0.5	06/02/2026	560748	**130**
		1.5 - 2	AOC2-SB-34-S2-2.0	06/02/2026	560748	**47**
	AOC2-SB-34-S4	0 - 0.5	AOC2-SB-34-S4-0.5	06/05/2026	561043	**77**
	AOC2-SB-34-W2	0 - 0.5	AOC2-SB-34-W2-0.5	06/02/2026	560748	**100**
		1.5 - 2	AOC2-SB-34-W2-2.0	06/02/2026	560748	**49**
	AOC2-SB-34-W4	0 - 0.5	AOC2-SB-34-W4-0.5	06/05/2026	561043	**130**
		1.5 - 2	AOC2-SB-34-W4-2.0	06/05/2026	561043	**66**
	AOC2-SB-34-W6	0 - 0.5	AOC2-SB-34-W6-0.5	06/08/2026	561126	**150**
		1.5 - 2	AOC2-SB-34-W6-2.0	06/08/2026	561126	**80**
	AOC2-SB-34-W10	0 - 0.5	AOC2-SB-34-W10-0.5	06/12/2026	561497	**110**
		1.5 - 2	AOC2-SB-34-W10-2.0	06/12/2026	561497	**7.6**
	AOC2-SB-34-W15	0 - 0.5	AOC2-SB-34-W15-0.5	06/12/2026	561497	**88**

Table 3
Step-Out Sample Lead in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

						Metal
						Lead
						mg/kg
DTSC-SLs Soil Res (2025)						80

Original Boring	Location Code	Depth ft-bgs	Field ID	Date	SDG	
AOC2-SB-47	AOC2-SB-47	0 - 0.5	AOC2-SB-47-0.5	02/12/2026	553104	**84**
		2 - 2.5	AOC2-SB-47-2.5	02/12/2026	553104	**5.4**
	AOC2-SB-47-E2	0 - 0.5	AOC2-SB-47-E2-0.5	06/03/2026	560871	**110**
	AOC2-SB-47-E4	0 - 0.5	AOC2-SB-47-E4-0.5	06/05/2026	561043	**51**
	AOC2-SB-47-N2	0 - 0.5	AOC2-SB-47-N2-0.5	06/03/2026	560871	**57**
			DUP-01-260603-05	06/03/2026	560871	**56**
	AOC2-SB-47-S2	0 - 0.5	AOC2-SB-47-S2-0.5	06/03/2026	560871	**23**
	AOC2-SB-47-W2	0 - 0.5	AOC2-SB-47-W2-0.5	06/03/2026	560871	**93**
	AOC2-SB-47-W4	0 - 0.5	AOC2-SB-47-W4-0.5	06/05/2026	561043	**52**
AOC3-SB-03	AOC3-SB-03	0 - 0.5	AOC3-SB-03-0.5	02/12/2026	553104	**190**
		2 - 2.5	AOC3-SB-03-2.5	02/12/2026	554603	**6.0**
	AOC3-SB-03-E2	0 - 0.5	AOC3-SB-03-E2-0.5	06/04/2026	560970	**46**
	AOC3-SB-03-N2	0 - 0.5	AOC3-SB-03-N2-0.5	06/04/2026	560970	**110**
			DUP-03-260604-0.5	06/04/2026	560970	**64**
		1.5 - 2	AOC3-SB-03-N2-2.0	06/04/2026	560970	**23**
	AOC3-SB-03-N4	0 - 0.5	AOC3-SB-03-N4-0.5	06/08/2026	561126	**63**
	AOC3-SB-03-S2	0 - 0.5	AOC3-SB-03-S2-0.5	06/04/2026	560970	**52**
	AOC3-SB-03-W2	0 - 0.5	AOC3-SB-03-W2-0.5	06/04/2026	560970	**140**
		1.5 - 2	AOC3-SB-03-W2-2.0	06/04/2026	560970	**100**
	AOC3-SB-03-W4	0 - 0.5	AOC3-SB-03-W4-0.5	06/08/2026	561126	**54**
			DUP-03-260608-0.5	06/08/2026	561126	**69**
AOC3-SB-04	AOC3-SB-04	0 - 0.5	AOC3-SB-04-0.5	02/12/2026	553104	**110**
		2 - 2.5	AOC3-SB-04-2.5	02/12/2026	554603	**5.4**
	AOC3-SB-04-E2	0 - 0.5	AOC3-SB-04-E2-0.5	06/03/2026	560871	**50**
	AOC3-SB-04-N2	0 - 0.5	AOC3-SB-04-N2-0.5	06/03/2026	560871	**66**
	AOC3-SB-04-S2	0 - 0.5	AOC3-SB-04-S2-0.5	06/03/2026	560871	**120**
	AOC3-SB-04-S4	0 - 0.5	AOC3-SB-04-S4-0.5	06/05/2026	561043	**94**
		1.5 - 2	AOC3-SB-04-S4-2.0	06/05/2026	561043	**150**
		2.5 - 3	AOC3-SB-04-S4-3.0	06/12/2026	561497	**4.8**
	AOC3-SB-04-S6	0 - 0.5	AOC3-SB-04-S6-0.5	06/05/2026	561043	**73**
	AOC3-SB-04-W2	0 - 0.5	AOC3-SB-04-W2-0.5	06/03/2026	560871	**60**
AOC3-SB-13	AOC3-SB-13	0 - 0.5	AOC3-SB-13-0.5	02/12/2026	553104	**84**
		2 - 2.5	AOC3-SB-13-2.5	02/12/2026	554603	**8.0**
	AOC3-SB-13-E2	0 - 0.5	AOC3-SB-13-E2-0.5	06/01/2026	560639	**50**
	AOC3-SB-13-N2	0 - 0.5	AOC3-SB-13-N2-0.5	06/01/2026	560639	**48**
	AOC3-SB-13-S2	0 - 0.5	AOC3-SB-13-S2-0.5	06/01/2026	560639	**110**
		1.5 - 2	AOC3-SB-13-S2-2.0	06/01/2026	560639	**150**
		2.5 - 3	AOC3-SB-13-S2-3.0	06/09/2026	561194	**12**
	AOC3-SB-13-S4	0 - 0.5	AOC3-SB-13-S4-0.5	06/05/2026	561043	**30**
	AOC3-SB-13-W2	0 - 0.5	AOC3-SB-13-W2-0.5	06/01/2026	560639	**22**

Table 3
Step-Out Sample Lead in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

	Metal
	Lead
	mg/kg
DTSC-SLs Soil Res (2025)	80

Original Boring	Location Code	Depth ft-bgs	Field ID	Date	SDG	
AOC3-SB-24	AOC3-SB-24	0 - 0.5	AOC3-SB-24-0.5	02/13/2026	553195	**83**
		2 - 2.5	AOC3-SB-24-2.5	02/13/2026	554603	**5.9**
	AOC3-SB-24-E2	0 - 0.5	AOC3-SB-24-E2-0.5	06/01/2026	560639	**69**
	AOC3-SB-24-N2	0 - 0.5	AOC3-SB-24-N2-0.5	06/01/2026	560639	**7.6**
			DUP-01-260601-0.5	06/01/2026	560639	**6.3**
	AOC3-SB-24-S2	0 - 0.5	AOC3-SB-24-S2-0.5	06/01/2026	560639	**110**
		1.5 - 2	AOC3-SB-24-S2-2.0	06/01/2026	560639	**16**
	AOC3-SB-24-S4	0 - 0.5	AOC3-SB-24-S4-0.5	06/05/2026	561043	**89**
		1.5 - 2	AOC3-SB-24-S4-2.0	06/05/2026	561043	**41**
	AOC3-SB-24-S7	0 - 0.5	AOC3-SB-24-S7-0.5	06/09/2026	561194	**84**
			DUP-02-260609-0.5	06/09/2026	561194	**88**
	AOC3-SB-24-S10	0 - 0.5	AOC3-SB-24-S10-0.5	06/09/2026	561194	**82**
	AOC3-SB-24-S15	0 - 0.5	AOC3-SB-24-S15-0.5	06/12/2026	561497	**51**
		1.5 - 2	AOC3-SB-24-S15-2.0	06/12/2026	561497	**8.2**
	AOC3-SB-24-W2	0 - 0.5	AOC3-SB-24-W2-0.5	06/01/2026	560639	**260**
		1.5 - 2	AOC3-SB-24-W2-2.0	06/01/2026	560639	**19**
	AOC3-SB-24-W4	0 - 0.5	AOC3-SB-24-W4-0.5	06/05/2026	561043	**140**
		1.5 - 2	AOC3-SB-24-W4-2.0	06/05/2026	561043	**48**
	AOC3-SB-24-W7	0 - 0.5	AOC3-SB-24-W7-0.5	06/09/2026	561194	**110**
			DUP-05-260609-0.5	06/09/2026	561194	**97**
	AOC3-SB-24-W10	0 - 0.5	AOC3-SB-24-W10-0.5	06/09/2026	561194	**130**
	AOC3-SB-24-W15	0 - 0.5	AOC3-SB-24-W15-0.5	06/12/2026	561497	**120**
AOC3-SB-44	AOC3-SB-44	0 - 0.5	AOC3-SB-44-0.5	02/13/2026	553195	**280**
		2 - 2.5	AOC3-SB-44-2.5	02/13/2026	554603	**8.5**
	AOC3-SB-44-E2	0 - 0.5	AOC3-SB-44-E2-0.5	06/01/2026	560639	**98**
		1.5 - 2	AOC3-SB-44-E2-2.0	06/01/2026	560639	**4.8**
	AOC3-SB-44-N2	0 - 0.5	AOC3-SB-44-N2-0.5	06/01/2026	560639	**280**
		1.5 - 2	AOC3-SB-44-N2-2.0	06/01/2026	560639	**6.1**
	AOC3-SB-44-N4	0 - 0.5	AOC3-SB-44-N4-0.5	06/05/2026	561043	**150**
			AOC3-SB-44-S4-0.5	06/05/2026	561043	**65**
		1.5 - 2	AOC3-SB-44-N4-2.0	06/05/2026	561043	**54**
	AOC3-SB-44-N7	0 - 0.5	AOC3-SB-44-N7-0.5	06/09/2026	561194	**130**
	AOC3-SB-44-N10	0 - 0.5	AOC3-SB-44-N10-0.5	06/09/2026	561194	**77**
	AOC3-SB-44-S2	0 - 0.5	AOC3-SB-44-S2-0.5	06/01/2026	560639	**110**
		1.5 - 2	AOC3-SB-44-S2-2.0	06/01/2026	560639	**11**
	AOC3-SB-44-W2	0 - 0.5	AOC3-SB-44-W2-0.5	06/01/2026	560639	**340**
		1.5 - 2	AOC3-SB-44-W2-2.0	06/01/2026	560639	**29**
	AOC3-SB-44-W4	0 - 0.5	AOC3-SB-44-W4-0.5	06/04/2026	560970	**42**

Table 3
Step-Out Sample Lead in Soil Concentrations
Remedial Excavation Scope
Centennial High School
2606 North Central Avenue, Compton, California

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

	Metal
	Lead
	mg/kg
DTSC-SLs Soil Res (2025)	80

Original Boring	Location Code	Depth ft-bgs	Field ID	Date	SDG	
AOC4-SB-46	AOC4-SB-46	0 - 0.5	AOC4-SB-46-0.5	02/20/2026	553922	**81**
		2 - 2.5	AOC4-SB-46-2.5	02/20/2026	553922	**5.1**
	AOC4-SB-46-E2	0 - 0.5	AOC4-SB-46-E2-0.5	06/01/2026	560639	**62**
	AOC4-SB-46-N2	0 - 0.5	AOC4-SB-46-N2-0.5	06/01/2026	560639	**68**
	AOC4-SB-46-S2	0 - 0.5	AOC4-SB-46-S2-0.5	06/01/2026	560639	**99**
		1.5 - 2	AOC4-SB-46-S2-2.0	06/01/2026	560639	**53**
	AOC4-SB-46-S4	0 - 0.5	AOC4-SB-46-S4-0.5	06/05/2026	561043	**51**
	AOC4-SB-46-W2	0 - 0.5	AOC4-SB-46-W2-0.5	06/01/2026	560639	**81**
		1.5 - 2	AOC4-SB-46-W2-2.0	06/01/2026	560639	**29**
	AOC4-SB-46-W4	0 - 0.5	AOC4-SB-46-W4-0.5	06/05/2026	561043	**130**
		1.5 - 2	AOC4-SB-46-W4-2.0	06/05/2026	561043	**42**
	AOC4-SB-46-W7	0 - 0.5	AOC4-SB-46-W7-0.5	06/09/2026	561194	**130**
	AOC4-SB-46-W10	0 - 0.5	AOC4-SB-46-W10-0.5	06/09/2026	561194	**95**
	AOC4-SB-46-W15	0 - 0.5	AOC4-SB-46-W15-0.5	06/12/2026	561497	**41**
AOC5-SB-28	AOC5-SB-28	0 - 0.5	AOC5-SB-28-0.5	02/23/2026	554027	**110**
		2 - 2.5	AOC5-SB-28-2.5	02/23/2026	554027	**7.4**
	AOC5-SB-28-N2	0 - 0.5	AOC5-SB-28-N2-0.5	06/01/2026	560639	**20**
			DUP-02-260601-0.5	06/01/2026	560639	**17**
	AOC5-SB-28-S2	0 - 0.5	AOC5-SB-28-S2-0.5	06/01/2026	560639	**12**
	AOC5-SB-28-W2	0 - 0.5	AOC5-SB-28-W2-0.5	06/01/2026	560639	**9.7**

Note:
Detected concentrations are **bold-faced**
mg/kg= milligrams per kilogram
ft-bgs = feet below ground surface
SDG = Lab Sample Delivery Group

Environmental Standards
California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Modified Screening Levels in Residential (Res) Scenarios, June 2020 rev. April 2025, DTSC-SLs Soil Res (2025).

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

Table 4
Step-Out Sample Polychlorinated Biphenyls in Soil Concentrations
Remedial Excavation Scope
Centennial HIgh School
2606 North Central Avenue, Compton, California

						PCBs									
						Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
DTSC-SLs Soil Res (2025)						4.1	0.2	0.17	0.23	0.23	0.24	0.24	-	-	0.23
Original Boring	**Location Code**	**Depth ft-bgs**	**Field ID**	**Date**	**SDG**										
AOC2-SB-40	AOC2-SB-40	0 - 0.5	AOC2-SB-40-0.5	02/10/2026	552829	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	**0.69**	<0.051	**1.6**	**2.3**
		2 - 2.5	AOC2-SB-40-2.5	02/10/2026	554603	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	**0.11 H**	<0.051	**0.12 H**	**0.23**
	AOC2-SB-40-E2	0 - 0.5	AOC2-SB-40-E2-0.5	06/02/2026	560748	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	**0.5**	<0.049	**0.47**	**0.97**
		1.5 - 2	AOC2-SB-40-E2-2.0	06/02/2026	560748	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.94**	<0.05	**1**	**1.9**
	AOC2-SB-40-E4	0 - 0.5	AOC2-SB-40-E4-0.5	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.7**	<0.05	**0.37**	**1.1**
			DUP-01-260608-0.5	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.73**	<0.05	**0.39**	**1.1**
		1.5 - 2	AOC2-SB-40-E4-2.0	06/08/2026	561126	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	**0.18**	<0.049	**0.16**	**0.34**
	AOC2-SB-40-E7.5	0 - 0.5	AOC2-SB-40-E7.5-0.5	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**1.7**	<0.05	**0.99**	**2.7**
		1.5 - 2	AOC2-SB-40-E7.5-2.0	06/08/2026	561126	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1**	<0.5	**1.1**	**2.1**
	AOC2-SB-40-E10	0 - 0.5	AOC2-SB-40-E10-0.5	06/12/2026	561497	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	**0.14**	<0.049	**0.19**	**0.34**
	AOC2-SB-40-E15	0 - 0.5	AOC2-SB-40-E15-0.5	06/12/2026	561497	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	AOC2-SB-40-N2	0 - 0.5	AOC2-SB-40-N2-0.5	06/02/2026	560748	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
	AOC2-SB-40-S2	0 - 0.5	AOC2-SB-40-S2-0.5	06/02/2026	560748	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.097**	<0.05	**0.14**	**0.24**
		1.5 - 2	AOC2-SB-40-S2-2.0	06/02/2026	560748	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	AOC2-SB-40-S7.5	0 - 0.5	AOC2-SB-40-S7.5-0.5	06/08/2026	561126	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	**0.093**	<0.051	**0.082**	**0.18**
	AOC2-SB-40-W2	0 - 0.5	AOC2-SB-40-W2-0.5	06/02/2026	560748	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.36**	<0.05	**0.33**	**0.69**
		1.5 - 2	AOC2-SB-40-W2-2.0	06/02/2026	560748	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	**0.075**	<0.051	**0.071**	**0.15**
	AOC2-SB-40-W4	0 - 0.5	AOC2-SB-40-W4-0.5	06/08/2026	561126	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	**0.45**	<0.051	**0.24**	**0.69**
			DUP-02-260608-0.5	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.46**	<0.05	**0.28**	**0.74**
		1.5 - 2	AOC2-SB-40-W4-2.0	06/08/2026	561126	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC2-SB-40-W7.5	0 - 0.5	AOC2-SB-40-W7.5-0.5	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.13**	<0.05	**0.18**	**0.3**
		1.5 - 2	AOC2-SB-40-W7.5-2.0	06/08/2026	561126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	AOC2-SB-40-W10	0 - 0.5	AOC2-SB-40-W10-0.5	06/12/2026	561497	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
AOC3-SB-24	AOC3-SB-24	0 - 0.5	AOC3-SB-24-0.5	02/13/2026	553195	<0.051	<0.051	<0.051	<0.051	<0.051	**0.1**	**0.15**	<0.051	<0.051	**0.25**
		2 - 2.5	AOC3-SB-24-2.5	02/13/2026	554603	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC3-SB-24-E2	0 - 0.5	AOC3-SB-24-E2-0.5	06/01/2026	560639	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC3-SB-24-N2	0 - 0.5	AOC3-SB-24-N2-0.5	06/01/2026	560639	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
			DUP-01-260601-0.5	06/01/2026	560639	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
	AOC3-SB-24-S2	0 - 0.5	AOC3-SB-24-S2-0.5	06/01/2026	560639	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC3-SB-24-W2	0 - 0.5	AOC3-SB-24-W2-0.5	06/01/2026	560639	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
AOC4-SB-16	AOC4-SB-16	0 - 0.5	AOC4-SB-16-0.5	02/18/2026	553642	<0.049	<0.049	<0.049	<0.049	<0.049	**3.7**	**1.7**	<0.049	<0.049	**5.4**
		2 - 2.5	AOC4-SB-16-2.5	02/18/2026	553642	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	AOC4-SB-16-E2	0 - 0.5	AOC4-SB-16-E2-0.5	06/03/2026	560871	<0.05	<0.05	<0.05	<0.05	<0.05	**0.17**	<0.05	<0.05	<0.05	**0.17**
	AOC4-SB-16-N2	0 - 0.5	AOC4-SB-16-N2-0.5	06/03/2026	560871	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC4-SB-16-S2	0 - 0.5	AOC4-SB-16-S2-0.5	06/03/2026	560871	<0.051	<0.051	<0.051	<0.051	<0.051	**0.16**	<0.051	<0.051	<0.051	**0.16**
	AOC4-SB-16-W2	0 - 0.5	AOC4-SB-16-W2-0.5	06/03/2026	560871	<0.05	<0.05	<0.05	<0.05	<0.05	**0.14**	<0.05	<0.05	<0.05	**0.14**

Table 4
Step-Out Sample Polychlorinated Biphenyls in Soil Concentrations
Remedial Excavation Scope
Centennial HIgh School
2606 North Central Avenue, Compton, California

						PCBs									
						Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
DTSC-SLs Soil Res (2025)						4.1	0.2	0.17	0.23	0.23	0.24	0.24	-	-	0.23
Original Boring	**Location Code**	**Depth ft-bgs**	**Field ID**	**Date**	**SDG**										
AOC4-SB-31	AOC4-SB-31	0 - 0.5	AOC4-SB-31-0.5	02/18/2026	553642	<0.05	<0.05	<0.05	<0.05	<0.05	**0.19**	**0.11**	<0.05	<0.05	**0.3**
		2 - 2.5	AOC4-SB-31-2.5	02/18/2026	553642	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
	AOC4-SB-31-N2	0 - 0.5	AOC4-SB-31-N2-0.5	06/04/2026	560970	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
			DUP-02-260604-0.5	06/04/2026	560970	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	AOC4-SB-31-S2	0 - 0.5	AOC4-SB-31-S2-0.5	06/04/2026	560970	<0.049	<0.049	<0.049	<0.049	<0.049	**1.2**	<0.049	<0.049	<0.049	**1.2**
		1.5 - 2	AOC4-SB-31-S2-2.0	06/04/2026	560970	<0.051	<0.051	<0.051	<0.051	<0.051	**0.19**	**0.054**	<0.051	<0.051	**0.24**
	AOC4-SB-31-W2	0 - 0.5	AOC4-SB-31-W2-0.5	06/04/2026	560970	<0.05	<0.05	<0.05	<0.05	<0.05	**0.87**	<0.05	<0.05	<0.05	**0.87**
		1.5 - 2	AOC4-SB-31-W2-2.0	06/04/2026	560970	<0.051	<0.051	<0.051	<0.051	<0.051	**0.16**	<0.051	<0.051	<0.051	**0.16**
	AOC4-SB-31-W4	0 - 0.5	AOC4-SB-31-W4-0.5	06/09/2026	561194	<0.051	<0.051	<0.051	<0.051	<0.051	**0.074**	<0.051	<0.051	<0.051	**0.074**

Note:
Detected concentrations are **bold-faced**
mg/kg= milligrams per kilogram
- = Not analyzed/Not available
< = analyte not detected at or above laboratory reporting limit
ft-bgs = feet below ground surface
SDG = Lab Sample Delivery Group

Environmental Standards
California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Modified Screening Levels in Residential (Res) Scenarios, June 2020 rev. April 2025, DTSC-SLs Soil Res (2025)

Appendix B

Laboratory Analytical Reports

Addendum 04 / EXHIBIT 13

Soil Removal Completion Report

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-17-2026
EMAX Batch No.: 26I019

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/15/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX08-N01	I019-01	09/14/26	SOIL	LEAD
EX08-N02	I019-02	09/14/26	SOIL	LEAD
EX08-W01	I019-03	09/14/26	SOIL	LEAD
EX08-B01	I019-04	09/14/26	SOIL	LEAD
EX34-W01	I019-05	09/15/26	SOIL	LEAD
EX34-E01	I019-06	09/15/26	SOIL	LEAD
EX34-S01	I019-07	09/15/26	SOIL	LEAD
EX34-S02	I019-08	09/15/26	SOIL	LEAD
EX34-S03	I019-09	09/15/26	SOIL	LEAD
EX34-S04	I019-10	09/15/26	SOIL	LEAD

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI & DOD requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
ANAB Accredited DoD ELAP and ISO/IEC 17025 Certificate Number L2278 Testing
California ELAP Accredited Certificate Number 2672

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 050.002.001
SAMPLE STORAGE
EMAX CONTROL NO. 26I019
PROJECT CODE:

CLIENT Terraphase Engineering
PROJECT Centennial HS Remedial Excavation
COORDINATOR Vanya Keyes
TEL 949 377 2227 FAX EMAIL Vanya.Keyes@terraphase.com
SEND REPORT TO Vanya Keyes
COMPANY Terraphase Engineering
ADDRESS 18401 Von Karman ave #410, Irvine CA
EMAX PM:

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste SL=Sludge; SS=Soil/ Sediment; WP=Wipes PP=Pure Products; AR=Air; O=

PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaO3; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: Lead 6010; Arsenic 6020; PCBs 8082

TAT: ☑ Rush 24 hrs.; ☐ Rush 48 hrs; ☐ Rush_72_hrs; ☐ 7 days; ☐ 14 days; ☐ 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	CONTAINER SIZE	CONTAINER TYPE	MATRIX CODE	QC	Lead 6010	Arsenic 6020	PCBs 8082	COMMENTS
1	Ex08-N01		9/14/26	1442	1	8oz	Soil	SS		X			
2	Ex08-N02		9/14/26	1444						X			
3	Ex08-W01		9/14/26	1446						X			
4	Ex08-B01		9/14/26	1440						X			
5	Ex34-W01		9/15/26	0229						X			
6	Ex34-E01		9/15/26	0240						X			
7	Ex34-S01		9/15/26	0248						X			
8	Ex34-S02		9/15/26	0258						X			
9	Ex34-S03		9/15/26	0247						X			
10	Ex34-S04		9/15/26	0245						X			

Instructions

Cooler #	Temp. (°C)	Sample #s
1	5.4	

SAMPLER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
Carlos Velasquez	9/15/26	0355	Robert Smith
Robert Smith	9/15/26	16:40	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 26I019
☐ Fedex ☐ UPS ☐ GSO ☐ Others		Recipient Maria Rivera
☐ EMAX Courier ☐ Client Delivery		Date 09/15/26 Time 16:40

COC INSPECTION

☐ Client Name	☐ Client PM/FC	☐ Sampler Name	☐ Sampling Date/Time	☐ Sample ID	☐ Matrix
☐ Address	☐ Tel # / Fax #	☐ Courier Signature	☐ Analysis Required	☐ Preservative (if any)	☐ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note:

PACKAGING INSPECTION

Container	☐ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ bag
Temperatures (Cool, ≤6 °C but not frozen)	☐ Cooler 1 5.4 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C
Thermometer:	A - S/N 250038455	B - S/N 250014329	C - S/N 250723775	D - S/N 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note:

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
2,10,2	2,10,7	D10		R8
4	4	D5	contents transfered to another jar	R8
5	5	D7	Label reads: 02 20	R1
10	10	D3	Label reads: Ex 34	R1
1-10	1-10	D1		R8

9/15/26 AT 9/16/26

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time.

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☒ NO

LEGEND:

☐ Continue to next page.

Code	Description- Sample Management
(D1)	Analysis is not indicated in label
D2	Analysis mismatch COC vs label
(D3)	Sample ID mismatch COC vs label
D4	Sample ID is not indicated in ____
(D5)	Container -[improper] [leaking] (broken)
D6	Date/Time is not indicated in ____
(D7)	Date/Time mismatch COC vs label
D8	Sample listed in COC is not received
D9	Sample received is not listed in COC
(D10)	No initial/date on corrections in COC/label
D11	Container count mismatch COC vs received
D12	Container size mismatch COC vs received

Code	Description-Sample Management
D13	Out of Holding Time
D14	Bubble is >6mm
D15	No trip blank in cooler
D16	Preservation not indicated in ____
D17	Preservation mismatch COC vs label
D18	Insufficient chemical preservative
D19	Insufficient Sample
D20	No filtration info for dissolved analysis
D21	No sample for moisture determination
D22	____
D23	____
D24	____

Code	Description-Sample Management
R1	Proceed as indicated in ☒ COC ☐ Label
R2	Refer to attached instruction
R3	Cancel the analysis
R4	Use vial with smallest bubble first
R5	Log-in with latest sampling date and time+1 min
R6	Adjust pH as necessary
R7	Filter and preserved as necessary
R8	Inform client
R9	____
R10	____
R11	____
R12	____

REVIEWS:

Sample Labeling Maria Rivera Date 09/15/26 9/15/26

SRF Date 9/15/26

PM AT for RDB Date 9/16/26

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Outlook

Re: 26I019 Discrepancies - Centennial HS Remedial Excavation.

From Carlos Velasquez <carlos.velasquez@terraphase.com>
Date Wed 9/16/2026 7:31 AM
To Amani Tubaishat <ATubaishat@emaxlabs.com>; Clare Steedman <clare.steedman@terraphase.com>; Vanya Keyes <vanya.keyes@terraphase.com>
Cc Owen Cheu <owen.cheu@terraphase.com>; Richard Beauvil <RBeauvil@emaxlabs.com>

For sample #5 is 2:29

For sample #10 is Ex34-S04

Get Outlook for iOS

From: Amani Tubaishat <ATubaishat@emaxlabs.com>
Sent: Wednesday, 16 September 2026 07:20:30
To: Clare Steedman <clare.steedman@terraphase.com>; Vanya Keyes <vanya.keyes@terraphase.com>
Cc: Owen Cheu <owen.cheu@terraphase.com>; Carlos Velasquez <carlos.velasquez@terraphase.com>; Richard Beauvil <RBeauvil@emaxlabs.com>
Subject: 26I019 Discrepancies - Centennial HS Remedial Excavation.

Hi All,

See attached for discrepancies.

- Sample #5 collection time is mismatched. Label reads "2:20," COC reads "2:29." Let us know which time to follow.
- Sample #10 ID is mismatched. Label reads "Fx 34," COC reads "Ex34-SO4." Let us know which ID to follow.

Please respond ASAP to avoid delays in results.

Best,
Amani Tubaishat
Project Coordinator

EMAX Laboratories, Inc.
3051 Fujita Street
Torrance, CA 90505

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range or estimated value.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

METHOD SW3050B/6010B
LEAD BY TRACE ICP

SDG#: 26I019

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I019

METHOD SW3050B/6010B
LEAD BY TRACE ICP

A total of ten(10) soil samples were received on 09/15/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time
Samples were digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI006SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI006SL/IPI006SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed and the following was noted: I019-05M/I019-05S - Percent recovery for Lead was not within MS QC limits. Presence of matrix interference was suspected. Analytical spike and serial dilution were analyzed and evaluated as appropriate. Results were within expected values. Refer to Matrix QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met with the exception of those that were discussed within the associated QC parameter.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION

SDG NO. : 26I019
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI006SB	1.000	NA	09/16/2610:52	09/15/2617:50	ID8I009020	ID8I009018	IPI006S	Method Blank
LCS1S	IPI006SL	1.000	NA	09/16/2610:57	09/15/2617:50	ID8I009021	ID8I009018	IPI006S	Lab Control Sample (LCS)
LCD1S	IPI006SC	1.000	NA	09/16/2611:02	09/15/2617:50	ID8I009022	ID8I009018	IPI006S	LCS Duplicate
EX08-N01	I019-01	1.000	22.1	09/16/2611:08	09/15/2617:50	ID8I009023	ID8I009018	IPI006S	Field Sample
EX08-N02	I019-02	1.000	8.5	09/16/2611:13	09/15/2617:50	ID8I009024	ID8I009018	IPI006S	Field Sample
EX08-W01	I019-03	1.000	7.6	09/16/2611:18	09/15/2617:50	ID8I009025	ID8I009018	IPI006S	Field Sample
EX08-B01	I019-04	1.000	26.1	09/16/2611:23	09/15/2617:50	ID8I009026	ID8I009018	IPI006S	Field Sample
EX34-W01	I019-05A	1.000	2.6	09/16/2611:39	09/15/2617:50	ID8I009029	ID8I009027	IPI006S	Analytical Spike Sample
EX34-W01	I019-05	1.000	2.6	09/16/2611:44	09/15/2617:50	ID8I009030	ID8I009027	IPI006S	Field Sample
EX34-W01	I019-05J	5.000	2.6	09/16/2611:49	09/15/2617:50	ID8I009031	ID8I009027	IPI006S	Diluted Sample
EX34-W01MS	I019-05M	1.000	2.6	09/16/2611:54	09/15/2617:50	ID8I009032	ID8I009027	IPI006S	Matrix Spike Sample (MS)
EX34-W01MSD	I019-05S	1.000	2.6	09/16/2611:59	09/15/2617:50	ID8I009033	ID8I009027	IPI006S	MS Duplicate (MSD)
EX34-E01	I019-06	1.000	8.7	09/16/2612:05	09/15/2617:50	ID8I009034	ID8I009027	IPI006S	Field Sample
EX34-S01	I019-07	1.000	15.4	09/16/2612:10	09/15/2617:50	ID8I009035	ID8I009027	IPI006S	Field Sample
EX34-S02	I019-08	1.000	11.0	09/16/2612:15	09/15/2617:50	ID8I009036	ID8I009027	IPI006S	Field Sample
EX34-S03	I019-09	1.000	6.7	09/16/2612:20	09/15/2617:50	ID8I009037	ID8I009027	IPI006S	Field Sample
EX34-S04	I019-10	1.000	5.4	09/16/2612:25	09/15/2617:50	ID8I009038	ID8I009027	IPI006S	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/14/26 14:42
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX08-N01	Date Analyzed:	09/16/26 11:08
Lab Samp ID:	I019-01	Dilution Factor:	1
Lab File ID:	ID8I009023	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	22.1
Calib. Ref.:	ID8I009018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	10.1	1.26	0.377

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/14/26 14:44
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX08-N02	Date Analyzed:	09/16/26 11:13
Lab Samp ID:	I019-02	Dilution Factor:	1
Lab File ID:	ID8I009024	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	8.5
Calib. Ref.:	ID8I009018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	11.6	1.06	0.318

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.03g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/14/26 14:46
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX08-W01	Date Analyzed:	09/16/26 11:18
Lab Samp ID:	I019-03	Dilution Factor:	1
Lab File ID:	ID8I009025	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	7.6
Calib. Ref.:	ID8I009018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	12.8	1.07	0.321

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/14/26 14:40
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX08-B01	Date Analyzed:	09/16/26 11:23
Lab Samp ID:	I019-04	Dilution Factor:	1
Lab File ID:	ID8I009026	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	26.1
Calib. Ref.:	ID8I009018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	6.81	1.33	0.398

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:29
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-W01	Date Analyzed:	09/16/26 11:44
Lab Samp ID:	I019-05	Dilution Factor:	1
Lab File ID:	ID8I009030	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	2.6
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	127	1.02	0.305

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:40
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-E01	Date Analyzed:	09/16/26 12:05
Lab Samp ID:	I019-06	Dilution Factor:	1
Lab File ID:	ID8I009034	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	8.7
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	92.0	1.06	0.319

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.03g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:48
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-S01	Date Analyzed:	09/16/26 12:10
Lab Samp ID:	I019-07	Dilution Factor:	1
Lab File ID:	ID8I009035	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	15.4
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	71.8	1.16	0.348

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:58
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-S02	Date Analyzed:	09/16/26 12:15
Lab Samp ID:	I019-08	Dilution Factor:	1
Lab File ID:	ID8I009036	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	11.0
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	9.19	1.11	0.334

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:47
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-S03	Date Analyzed:	09/16/26 12:20
Lab Samp ID:	I019-09	Dilution Factor:	1
Lab File ID:	ID8I009037	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	6.7
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	30.8	1.05	0.315

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/15/26 14:45
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/15/26
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	EX34-S04	Date Analyzed:	09/16/26 12:25
Lab Samp ID:	I019-10	Dilution Factor:	1
Lab File ID:	ID8I009038	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	5.4
Calib. Ref.:	ID8I009027	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	10.2	1.05	0.314

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

QC SUMMARIES

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I019	Date Extracted:	09/15/26 17:50
Sample ID:	MBLK1S	Date Analyzed:	09/16/26 10:52
Lab Samp ID:	IPI006SB	Dilution Factor:	1
Lab File ID:	ID8I009020	Matrix:	SOIL
Ext Btch ID:	IPI006S	% Moisture:	NA
Calib. Ref.:	ID8I009018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I019
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IPI006SB	IPI006SL	IPI006SC
LAB FILE ID	: ID8I009020	ID8I009021	ID8I009022
DATE PREPARED	: 09/15/26 17:50	09/15/26 17:50	09/15/26 17:50
DATE ANALYZED	: 09/16/26 10:52	09/16/26 10:57	09/16/26 11:02
PREP BATCH	: IPI006S	IPI006S	IPI006S
CALIBRATION REF	: ID8I009018	ID8I009018	ID8I009018

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	49.6	99	50	49.4	99	0	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I019
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE: 2.6
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: EX34-W01	EX34-W01MS	EX34-W01MSD
LAB SAMPLE ID	: I019-05	I019-05M	I019-05S
LAB FILE ID	: ID8I009030	ID8I009032	ID8I009033
DATE PREPARED	: 09/15/26 17:50	09/15/26 17:50	09/15/26 17:50
DATE ANALYZED	: 09/16/26 11:44	09/16/26 11:54	09/16/26 11:59
PREP BATCH	: IPI006S	IPI006S	IPI006S
CALIBRATION REF	: ID8I009027	ID8I009027	ID8I009027

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	127	50.8	205	154*	51.3	190	123	8	75-125	20

PSResult - Parent Sample Result
* Out of QC limit

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I019
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 2.6
DILUTION FACTOR	: 1	5
SAMPLE ID	: EX34-W01	EX34-W01
LAB SAMPLE ID	: I019-05	I019-05J
LAB FILE ID	: ID8I009030	ID8I009031
DATE PREPARED	: 09/15/26 17:50	09/15/26 17:50
DATE ANALYZED	: 09/16/26 11:44	09/16/26 11:49
PREP BATCH	: IPI006S	IPI006S
CALIBRATION REF	: ID8I009027	ID8I009027

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	SD Result (mg/kg)	%Difference (%)	Max %D (%)
Lead	127	125	2	10

SD - Serial Dilution

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I019
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 2.6
DILUTION FACTOR	: 1	1
SAMPLE ID	: EX34-W01	EX34-W01
LAB SAMPLE ID	: I019-05	I019-05A
LAB FILE ID	: ID8I009030	ID8I009029
DATE PREPARED	: 09/15/26 17:50	09/15/26 17:50
DATE ANALYZED	: 09/16/26 11:44	09/16/26 11:39
PREP BATCH	: IPI006S	IPI006S
CALIBRATION REF	: ID8I009027	ID8I009027

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	Spike Amt (mg/kg)	AS Result (mg/kg)	AS Rec (%)	QC Limit (%)
Lead	127	50.8	176	96	75-125

AS - Analytical Spike

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-18-2026
EMAX Batch No.: 26I020

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/16/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX40-B01	I020-01	09/15/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX40-B02	I020-02	09/15/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX40-S01	I020-03	09/15/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX40-S02	I020-04	09/15/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX40-S03	I020-05	09/15/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX23-W01	I020-06	09/16/26	SOIL	LEAD
EX23-S01	I020-07	09/16/26	SOIL	LEAD
EX23-B01	I020-08	09/16/26	SOIL	LEAD

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI & DOD requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
ANAB Accredited DoD ELAP and ISO/IEC 17025 Certificate Number L2278 Testing
California ELAP Accredited Certificate Number 2672

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 050.002.001
SAMPLE STORAGE
EMAX CONTROL NO. 26I020
PROJECT CODE:

CLIENT Terraphase Engineering
PROJECT Centennial HS Remediat Excavation
COORDINATOR Vanya Keyes
TEL 949 377 227 FAX EMAIL Vanya.Keyes@terraphase.com
SEND REPORT TO Vanya Keyes
COMPANY Terraphase Engineering
ADDRESS 18401 Von Karman Ave
#410, Irvine CA
EMAX PM:

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaO3
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: LEAD x 6010; PCBs x 8082

TAT
- [x] Rush __24__hrs.
- [ ] Rush __48_hrs
- [ ] Rush_72_hrs
- [ ] 7 days
- [ ] 14 days
- [ ] 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE									COMMENTS
1	Ex40-B01		9/15/26	0250	1	8oz	Soil	SS			X								
2	Ex40-B02		9/15/26	0257	1	8oz	Soil	SS			X								
3	Ex40-S01		9/15/26	0256	1	8oz	Soil	SS			X								
4	Ex40-S02		9/15/26	0255	1	8oz	Soil	SS			X								
5	Ex40-S03		9/15/26	0254	1	8oz	Soil	SS			X								
6	Ex23-W01		9/16/26	0155	1	4oz	Soil	SS		X									
7	Ex23-S01		9/16/26	0200	1	4oz	Soil	SS		X									
8	Ex23-B01		9/16/26	0158	1	4oz	Soil	SS		X									
9																			
10																			

Instructions	Cooler #	Temp. (°C)	Sample #s
	1	1.0	

SAMPLER
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY	
Carlos Velasquez [signature]	9/16/26	0354	Robert [signature] 9/16/26	3:54
Robert [signature]	9/16/26	16:30	[signature]	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 26I020
☐ Fedex ☐ UPS ☐ GSO ☐ Others		Recipient Maria Rivera
☐ EMAX Courier ☒ Client Delivery		Date 09/16/26 Time 16:30

COC INSPECTION

☒ Client Name	☒ Client PM/FC	☐ Sampler Name	☒ Sampling Date/Time	☒ Sample ID	☒ Matrix
☒ Address	☒ Tel # / Fax #	☐ Courier Signature	☒ Analysis Required	☐ Preservative (if any)	☒ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note: _____

PACKAGING INSPECTION

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ _____
Temperatures (Cool, ≤6 °C but not frozen)	☒ Cooler 1 1.0 °C	☐ Cooler 2 _____ °C	☐ Cooler 3 _____ °C	☐ Cooler 4 _____ °C	☐ Cooler 5 _____ °C
	☐ Cooler 6 _____ °C	☐ Cooler 7 _____ °C	☐ Cooler 8 _____ °C	☐ Cooler 9 _____ °C	☐ Cooler 10 _____ °C
Thermometer:	A - S/N 250038455	B - S/N 250014329	C - S/N 250123775	D - S/N 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note: _____

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
S-8	S-8	D1		R1

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time.

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☒ NO

☐ Continue to next page.

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
D1	Analysis is not indicated in label	D13	Out of Holding Time	R1	Proceed as indicated in ☒ COC ☐ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	_____
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	_____
D10	No initial/date on corrections in COC/label	D22	_____	R10	_____
D11	Container count mismatch COC vs received	D23	_____	R11	_____
D12	Container size mismatch COC vs received	D24	_____	R12	_____

REVIEWS:

Sample Labeling Maria Rivera Cynthia Date 09/16/26 9/16/26

SRF Cynthia Date 9/16/26

PM AI for RB Date 9/17/26

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range or estimated value.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

METHOD SW3550B/8082A
PCBS

SDG#: 26I020

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I020

METHOD SW3550B/8082A
PCBS

A total of five(5) soil samples were received on 09/16/26 to be analyzed for PCBs in accordance with Method SW3550B/8082A and project specific requirements.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. 60I007SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. 60I007SL/60I007SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
No matrix QC sample was provided on this SDG.

Surrogate
Surrogates were added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Relative percentage difference (RPD) between the two results was evaluated. If RPD is less than 40% and peaks are well defined the higher result is reported. Where RPD is greater than 40% the chromatogram was checked for anomalies and results were selected based on processed knowledge. If there is no evidence of any chromatographic ambiguity, the higher result is reported.

Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

MB, LCS/LCSD and samples extracts were subjected to cleanup method SW3665A to reduce matrix interference.
All samples detected Aroclor 1262 were reported channel A due to CCV out of limit on B channel

LAB CHRONICLE
PCBs

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION

SDG NO. : 26I020
Instrument ID : 71

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	60I007SB	1	NA	09/17/2614:45	09/17/2609:00	KI17005A	KI17002A	CPI007S	Method Blank
LCS1S	60I007SL	1	NA	09/17/2615:06	09/17/2609:00	KI17006A	KI17002A	CPI007S	Lab Control Sample (LCS)
LCD1S	60I007SC	1	NA	09/17/2615:26	09/17/2609:00	KI17007A	KI17002A	CPI007S	LCS Duplicate
EX40-B01	I020-01	1	7.3	09/17/2618:08	09/17/2609:00	KI17015A	KI17002A	CPI007S	Field Sample
EX40-B02	I020-02	1	8.2	09/17/2618:28	09/17/2609:00	KI17016A	KI17002A	CPI007S	Field Sample
EX40-S01	I020-03	1	18.7	09/17/2617:07	09/17/2609:00	KI17012A	KI17002A	CPI007S	Field Sample
EX40-S02	I020-04I	2	9.4	09/17/2618:48	09/17/2609:00	KI17017A	KI17002A	CPI007S	Diluted Sample
EX40-S03	I020-05	1	8.1	09/17/2617:47	09/17/2609:00	KI17014A	KI17002A	CPI007S	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: 09/15/26
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/16/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: Ex40-B01	Date Analyzed: 09/17/26 18:08
Lab Samp ID: I020-01	Dilution Factor: 1
Lab File ID: KI17015A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : 7.3
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	54	9.0|9.0
AROCLOR-1221	(ND)|ND	54	9.0|9.0
AROCLOR-1232	(ND)|ND	54	9.0|9.0
AROCLOR-1242	(ND)|ND	54	9.0|9.0
AROCLOR-1248	(ND)|ND	54	9.0|9.0
AROCLOR-1254	(ND)|ND	54	9.0|9.0
AROCLOR-1260	(ND)|ND	54	9.0|9.0
AROCLOR-1262	(66J)|86J	110	18|18
AROCLOR-1268	(ND)|ND	110	18|18

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	16.67|(18.67)	14.38	116|(130)	44-130
DECACHLOROBIPHENYL	(13.77)|12.76	14.38	(95.8)|88.7	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: 09/15/26
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/16/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: Ex40-B02	Date Analyzed: 09/17/26 18:28
Lab Samp ID: I020-02	Dilution Factor: 1
Lab File ID: KI17016A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : 8.2
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	54	9.0|9.0
AROCLOR-1221	(ND)|ND	54	9.0|9.0
AROCLOR-1232	(ND)|ND	54	9.0|9.0
AROCLOR-1242	(ND)|ND	54	9.0|9.0
AROCLOR-1248	(ND)|ND	54	9.0|9.0
AROCLOR-1254	(ND)|ND	54	9.0|9.0
AROCLOR-1260	(ND)|ND	54	9.0|9.0
AROCLOR-1262	(ND)|ND	110	18|18
AROCLOR-1268	(ND)|ND	110	18|18

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(17.61)|19.30	14.52	(121)|133*	44-130
DECACHLOROBIPHENYL	15.47|(16.73)	14.52	107|(115)	60-125

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Final result indicated by ( )

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: 09/15/26
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/16/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: Ex40-S01	Date Analyzed: 09/17/26 17:07
Lab Samp ID: I020-03	Dilution Factor: 1
Lab File ID: KI17012A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : 18.7
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	62	10|10
AROCLOR-1221	(ND)|ND	62	10|10
AROCLOR-1232	(ND)|ND	62	10|10
AROCLOR-1242	(ND)|ND	62	10|10
AROCLOR-1248	(ND)|ND	62	10|10
AROCLOR-1254	(ND)|ND	62	10|10
AROCLOR-1260	(ND)|ND	62	10|10
AROCLOR-1262	(210)|270	120	21|21
AROCLOR-1268	(ND)|ND	120	21|21

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(20.59)|22.69	16.40	(126)|138*	44-130
DECACHLOROBIPHENYL	17.95|(18.74)	16.40	109|(114)	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: 09/15/26
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/16/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: Ex40-S02	Date Analyzed: 09/17/26 18:48
Lab Samp ID: I020-04I	Dilution Factor: 2
Lab File ID: KI17017A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : 9.4
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	110	18|18
AROCLOR-1221	(ND)|ND	110	18|18
AROCLOR-1232	(ND)|ND	110	18|18
AROCLOR-1242	(ND)|ND	110	18|18
AROCLOR-1248	(ND)|ND	110	18|18
AROCLOR-1254	(ND)|ND	110	18|18
AROCLOR-1260	(ND)|ND	110	18|18
AROCLOR-1262	(520)|670	220	37|37
AROCLOR-1268	(ND)|ND	220	37|37

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	17.39|(19.51)	14.72	(118)|133*	44-130
DECACHLOROBIPHENYL	15.57|(16.82)	14.72	106|(114)	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: 09/15/26
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/16/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: Ex40-S03	Date Analyzed: 09/17/26 17:47
Lab Samp ID: I020-05	Dilution Factor: 1
Lab File ID: KI17014A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : 8.1
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	54	9.0|9.0
AROCLOR-1221	(ND)|ND	54	9.0|9.0
AROCLOR-1232	(ND)|ND	54	9.0|9.0
AROCLOR-1242	(ND)|ND	54	9.0|9.0
AROCLOR-1248	(ND)|ND	54	9.0|9.0
AROCLOR-1254	(ND)|ND	54	9.0|9.0
AROCLOR-1260	(ND)|ND	54	9.0|9.0
AROCLOR-1262	(69J)|87J	110	18|18
AROCLOR-1268	(ND)|ND	110	18|18

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(16.84)|19.18	14.50	(116)|132*	44-130
DECACHLOROBIPHENYL	14.09|(14.39)	14.50	97.2|(99.2)	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

QC SUMMARIES

METHOD SW3550B/8082A
PCBs

Client : TERRAPHASE ENGINEERING	Date Collected: NA
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/17/26
Batch No. : 26I020	Date Extracted: 09/17/26 09:00
Sample ID: MBLK1S	Date Analyzed: 09/17/26 14:45
Lab Samp ID: 60I007SB	Dilution Factor: 1
Lab File ID: KI17005A	Matrix : SOIL
Ext Btch ID: CPI007S	% Moisture : NA
Calib. Ref.: KI17002A	Instrument ID : GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	50	8.3|8.3
AROCLOR-1221	(ND)|ND	50	8.3|8.3
AROCLOR-1232	(ND)|ND	50	8.3|8.3
AROCLOR-1242	(ND)|ND	50	8.3|8.3
AROCLOR-1248	(ND)|ND	50	8.3|8.3
AROCLOR-1254	(ND)|ND	50	8.3|8.3
AROCLOR-1260	(ND)|ND	50	8.3|8.3
AROCLOR-1262	(ND)|ND	100	17|17
AROCLOR-1268	(ND)|ND	100	17|17

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	14.22|(15.85)	13.33	107|(119)	44-130
DECACHLOROBIPHENYL	(13.49)|13.48	13.33	(101)|101	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TERRAPHASE ENGINEERING
PROJECT: CENTENNIAL HS REMEDIATION
BATCH NO.: 26I020
METHOD: METHOD SW3550B/8082A

MATRIX: SOIL % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1S				
LAB SAMP ID:	60I007SB	60I007SL	60I007SC		
LAB FILE ID:	KI17005A	KI17006A	KI17007A		
DATE EXTRACTED:	09/17/2609:00	09/17/2609:00	09/17/2609:00	DATE COLLECTED:	NA
DATE ANALYZED:	09/17/2614:45	09/17/2615:06	09/17/2615:26	DATE RECEIVED:	09/17/26
PREP. BATCH:	CPI007S	CPI007S	CPI007S		
CALIB. REF:	KI17002A	KI17002A	KI17002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Aroclor-1016	(ND) | ND	167	176 | (194)	106 | (116)	167	178 | (190)	107 | (114)	1 | (2)	47-134	30
Aroclor-1260	(ND) | ND	167	(181) | 155	(109) | 93	167	190 | (195)	114 | (117)	5 | (23)	53-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	13.33	14.52 | (16.35)	109 | (123)	13.33	15.42 | (15.76)	116 | (118)	44-130
Decachlorobiphenyl	13.33	(13.59) | 13.27	(102) | 99.5	13.33	13.61 | (14.25)	102 | (107)	60-125

LABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

METHOD SW3050B/6010B
LEAD BY TRACE ICP

SDG#: 26I020

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I020

METHOD SW3050B/6010B
LEAD BY TRACE ICP

A total of three(3) soil samples were received on 09/16/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time
Samples were digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI007SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI007SL/IPI007SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Lead was within MS/MSD QC limits in I020-06M/I020-06S. Refer to Matrix QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION

SDG NO. : 26I020
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI007SB	1.000	NA	09/16/2619:40	09/16/2617:16	ID8I009041	ID8I009039	IPI007S	Method Blank
LCS1S	IPI007SL	1.000	NA	09/16/2619:46	09/16/2617:16	ID8I009042	ID8I009039	IPI007S	Lab Control Sample (LCS)
LCD1S	IPI007SC	1.000	NA	09/16/2619:51	09/16/2617:16	ID8I009043	ID8I009039	IPI007S	LCS Duplicate
EX23-W01	I020-06	1.000	17.1	09/16/2620:01	09/16/2617:16	ID8I009045	ID8I009039	IPI007S	Field Sample
EX23-W01MS	I020-06M	1.000	17.1	09/16/2620:11	09/16/2617:16	ID8I009047	ID8I009039	IPI007S	Matrix Spike Sample (MS)
EX23-W01MSD	I020-06S	1.000	17.1	09/16/2620:17	09/16/2617:16	ID8I009048	ID8I009039	IPI007S	MS Duplicate (MSD)
EX23-S01	I020-07	1.000	15.6	09/16/2620:22	09/16/2617:16	ID8I009049	ID8I009039	IPI007S	Field Sample
EX23-B01	I020-08	1.000	16.6	09/16/2620:27	09/16/2617:16	ID8I009050	ID8I009039	IPI007S	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 13:55
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/16/26
SDG NO.	: 26I020	Date Extracted:	09/16/26 17:16
Sample ID:	EX23-W01	Date Analyzed:	09/16/26 20:01
Lab Samp ID:	I020-06	Dilution Factor:	1
Lab File ID:	ID8I009045	Matrix:	SOIL
Ext Btch ID:	IPI007S	% Moisture:	17.1
Calib. Ref.:	ID8I009039	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	63.4	1.19	0.358

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:00
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/16/26
SDG NO.	: 26I020	Date Extracted:	09/16/26 17:16
Sample ID:	EX23-S01	Date Analyzed:	09/16/26 20:22
Lab Samp ID:	I020-07	Dilution Factor:	1
Lab File ID:	ID8I009049	Matrix:	SOIL
Ext Btch ID:	IPI007S	% Moisture:	15.6
Calib. Ref.:	ID8I009039	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	17.1	1.16	0.348

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 13:58
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/16/26
SDG NO.	: 26I020	Date Extracted:	09/16/26 17:16
Sample ID:	EX23-B01	Date Analyzed:	09/16/26 20:27
Lab Samp ID:	I020-08	Dilution Factor:	1
Lab File ID:	ID8I009050	Matrix:	SOIL
Ext Btch ID:	IPI007S	% Moisture:	16.6
Calib. Ref.:	ID8I009039	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	7.98	1.16	0.349

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.03g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I020	Date Extracted:	09/16/26 17:16
Sample ID:	MBLK1S	Date Analyzed:	09/16/26 19:40
Lab Samp ID:	IPI007SB	Dilution Factor:	1
Lab File ID:	ID8I009041	Matrix:	SOIL
Ext Btch ID:	IPI007S	% Moisture:	NA
Calib. Ref.:	ID8I009039	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I020
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IPI007SB	IPI007SL	IPI007SC
LAB FILE ID	: ID8I009041	ID8I009042	ID8I009043
DATE PREPARED	: 09/16/26 17:16	09/16/26 17:16	09/16/26 17:16
DATE ANALYZED	: 09/16/26 19:40	09/16/26 19:46	09/16/26 19:51
PREP BATCH	: IPI007S	IPI007S	IPI007S
CALIBRATION REF	: ID8I009039	ID8I009039	ID8I009039

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	49.7	99	50	50.2	100	1	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I020
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE: 17.1
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: EX23-W01	EX23-W01MS	EX23-W01MSD
LAB SAMPLE ID	: I020-06	I020-06M	I020-06S
LAB FILE ID	: ID8I009045	ID8I009047	ID8I009048
DATE PREPARED	: 09/16/26 17:16	09/16/26 17:16	09/16/26 17:16
DATE ANALYZED	: 09/16/26 20:01	09/16/26 20:11	09/16/26 20:17
PREP BATCH	: IPI007S	IPI007S	IPI007S
CALIBRATION REF	: ID8I009039	ID8I009039	ID8I009039

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	63.4	60.3	123	99	59.7	114	85	8	75-125	20

PSResult - Parent Sample Result

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-21-2026
EMAX Batch No.: 26I022

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/17/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX24-W01	I022-01	09/16/26	SOIL	LEAD
EX24-W02	I022-02	09/16/26	SOIL	LEAD
EX24-S01	I022-03	09/16/26	SOIL	LEAD
EX24-S02	I022-04	09/16/26	SOIL	LEAD
EX24-E01	I022-05	09/16/26	SOIL	LEAD
EX24-B01	I022-06	09/16/26	SOIL	LEAD
EX24-B02	I022-07	09/16/26	SOIL	LEAD
EX24-B03	I022-08	09/16/26	SOIL	LEAD
EX24-B04	I022-09	09/16/26	SOIL	LEAD
EX44-W01	I022-10	09/17/26	SOIL	LEAD
EX46-N01	I022-11	09/17/26	SOIL	LEAD
EX46-S01	I022-12	09/17/26	SOIL	LEAD
EX46-S02	I022-13	09/17/26	SOIL	LEAD

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI & DOD requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
ANAB Accredited DoD ELAP and ISO/IEC 17025 Certificate Number L2278 Testing
California ELAP Accredited Certificate Number 2672

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 050.002.001
SAMPLE STORAGE
EMAX CONTROL NO. 26I022
PROJECT CODE:

CLIENT Terraphase Engineering
PROJECT Centennial HS Remedial Excavation
COORDINATOR Vanya Keyes
TEL 949 3772227 FAX EMAIL Vanya.Keyes@terraphase.com
SEND REPORT TO Vanya Keyes
COMPANY Terraphase Engineering
ADDRESS 18401 Von Karman Ave
#410, Irvine CA
EMAX PM:

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaO3
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: LEAD x 6010

TAT
- [x] Rush __24__hrs.
- [ ] Rush __48_hrs
- [ ] Rush_72_hrs
- [ ] 7 days
- [ ] 14 days
- [ ] 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	CONTAINER SIZE	CONTAINER TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
1	Ex24-W01		9/16/26	0233	1	4oz	Soil	SS		X	
2	Ex24-W02			0234						X	
3	Ex24-S01			0251						X	
4	Ex24-S02			0252						X	
5	Ex24-E01			0236						X	
6	Ex24-B01			0250						X	
7	Ex24-B02			0249						X	
8	Ex24-B03			0248						X	
9	Ex24-B04			0248						X	
10	Ex44-W01		9/17/26	0915	1	4oz	Soil	SS		X	

Instructions

Cooler #	Temp. (°C)	Sample #s
1	2.6	

SAMPLER
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
Carlos Velasquez	9/17/26	0327	Rahil Soni 9/17/26
Rahil Soni	9/17/26	16:15	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 050.002.001
SAMPLE STORAGE
EMAX CONTROL NO. 26I022
PROJECT CODE:

CLIENT Terraphase Engineering
PROJECT Centennial HS Remedial Excavation
COORDINATOR Vanya Keyes
TEL 949 377 2227 FAX EMAIL vanya.keyes@terraphase.com
SEND REPORT TO Vanya Keyes
COMPANY Terraphase Engineering
ADDRESS 18401 Von Karman Ave #410, Irvine CA
EMAX PM:

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste SL=Sludge; SS=Soil/ Sediment; WP=Wipes PP=Pure Products; AR=Air; O=
PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaO3; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: Lead x 6010

TAT: ☑ Rush __24__hrs.; ☐ Rush __48_hrs; ☐ Rush_72_hrs; ☐ 7 days; ☐ 14 days; ☐ 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	SAMPLING DATE	SAMPLING TIME	CONTAINER NO.	CONTAINER SIZE	CONTAINER TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
*1	EX46-N01		9/17/26	0110	1	4oz	Soil	SS		X	
*2	EX46-S01		↓	↓	↓	↓	↓	↓		X	
*3	EX46-S02		↓	↓	↓	↓	↓	↓		X	
* 4											
* 5											
* 6											
* 7											
* 8											
* 9											
10											

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY	Date
Carlos Velasquez	9/17/26	0327	Robert Pete	9/17/26
Robert Little	9/17/26	16:15		

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 26I022
☐ Fedex ☐ UPS ☐ GSO ☐ Others		Recipient Maria Rivera
☐ EMAX Courier ☒ Client Delivery		Date 09/17/26 Time 16:15

COC INSPECTION

☒ Client Name	☒ Client PM/FC	☐ Sampler Name	☒ Sampling Date/Time	☒ Sample ID	☐ Matrix
☒ Address	☒ Tel # / Fax #	☐ Courier Signature	☒ Analysis Required	☐ Preservative (if any)	☒ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note: _____

PACKAGING INSPECTION

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ _____
Temperatures	☒ Cooler 1 2.6 °C	☐ Cooler 2_____ °C	☐ Cooler 3_____ °C	☐ Cooler 4_____ °C	☐ Cooler 5_____ °C
(Cool, ≤6 °C but not frozen)	☐ Cooler 6_____ °C	☐ Cooler 7_____ °C	☐ Cooler 8_____ °C	☐ Cooler 9_____ °C	☐ Cooler 10_____ °C
Thermometer:	*A - S/N* 250038455	*B - S/N* 250014329	*C - S/N* 250123775	*D - S/N* 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note: _____

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
12	12	D7	Label reads: 0111	R1
13	13	D7	Label reads: 0112	b

9/17/26 AT 9/18/26

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time.

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☒ NO

☐ Continue to next page.

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
D1	Analysis is not indicated in _____	D13	Out of Holding Time	R1	Proceed as indicated in ☐ COC ☒ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	_____
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	_____
D10	No initial/date on corrections in COC/label	D22	_____	R10	_____
D11	Container count mismatch COC vs received	D23	_____	R11	_____
D12	Container size mismatch COC vs received	D24	_____	R12	_____

REVIEWS:

Sample Labeling Maria Rivera — Date 09/17/26 | 9/17/26

SRF — Date 9/17/26

PM AT for RB — Date 9/18/26

EMAX Laboratories, Inc. 3051 Fujita St., Torrance, CA 90505

Amani Tubaishat

From: Clare Steedman <clare.steedman@terraphase.com>
Sent: Friday, September 18, 2026 7:56 AM
To: Amani Tubaishat; Carlos Velasquez; Vanya Keyes
Cc: Owen Cheu; Richard Beauvil
Subject: Re: 26I022 Discrepancies - Centennial HS Remedial Excavation.

Please use the label time for both. Thank you.
Clare Steedman

From: Amani Tubaishat <ATubaishat@emaxlabs.com>
Sent: Friday, 18 September 2026 07:38:54
To: Carlos Velasquez <carlos.velasquez@terraphase.com>; Clare Steedman <clare.steedman@terraphase.com>; Vanya Keyes <vanya.keyes@terraphase.com>
Cc: Owen Cheu <owen.cheu@terraphase.com>; Richard Beauvil <RBeauvil@emaxlabs.com>
Subject: 26I022 Discrepancies - Centennial HS Remedial Excavation.

Hi All,

See attached for discrepancies.

- Sample #12 collection time is mismatched. Label reads "1:11," COC reads "1:10." Let us know which time to follow.
- Sample #13 collection time is mismatched. Label reads "1:12," COC reads "1:10." Let us know which time to follow.

Best,
Amani Tubaishat
Project Coordinator

EMAX Laboratories, Inc.
3051 Fujita Street
Torrance, CA 90505

REPORTING CON ENTIONS

D T U LIFIERS

L	FCEE	D
	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
		Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E		Indicates that the result is above the maximum calibration range or estimated value.
		Out of QC limit.

N T

CRON MS ND RE I TIONS

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
P L	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

D TES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

METHOD SW3050B/6010B
LEAD BY TRACE ICP

SDG#: 26I022

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I022

METHOD SW3050B/6010B
LEAD BY TRACE ICP

A total of thirteen(13) soil samples were received on 09/17/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time
Samples were digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI010SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI010SL/IPI010SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Lead was within MS/MSD QC limits in I022-03M/I022-03S. Refer to Matrix QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I022
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI010SB	1.000	NA	09/18/2610:17	09/17/2617:52	ID8I011020	ID8I011018	IPI010S	Method Blank
LCS1S	IPI010SL	1.000	NA	09/18/2610:22	09/17/2617:52	ID8I011021	ID8I011018	IPI010S	Lab Control Sample (LCS)
LCD1S	IPI010SC	1.000	NA	09/18/2610:27	09/17/2617:52	ID8I011022	ID8I011018	IPI010S	LCS Duplicate
EX24-W01	I022-01	1.000	24.4	09/18/2610:32	09/17/2617:52	ID8I011023	ID8I011018	IPI010S	Field Sample
EX24-W02	I022-02	1.000	18.3	09/18/2610:37	09/17/2617:52	ID8I011024	ID8I011018	IPI010S	Field Sample
EX24-S01	I022-03	1.000	7.1	09/18/2610:55	09/17/2617:52	ID8I011026	ID8I011018	IPI010S	Field Sample
EX24-S01MS	I022-03M	1.000	7.1	09/18/2611:05	09/17/2617:52	ID8I011028	ID8I011018	IPI010S	Matrix Spike Sample (MS)
EX24-S01MSD	I022-03S	1.000	7.1	09/18/2611:11	09/17/2617:52	ID8I011029	ID8I011018	IPI010S	MS Duplicate (MSD)
EX24-S02	I022-04	1.000	16.1	09/18/2611:26	09/17/2617:52	ID8I011032	ID8I011030	IPI010S	Field Sample
EX24-E01	I022-05	1.000	9.6	09/18/2611:31	09/17/2617:52	ID8I011033	ID8I011030	IPI010S	Field Sample
EX24-B01	I022-06	1.000	12.7	09/18/2611:37	09/17/2617:52	ID8I011034	ID8I011030	IPI010S	Field Sample
EX24-B02	I022-07	1.000	9.2	09/18/2611:42	09/17/2617:52	ID8I011035	ID8I011030	IPI010S	Field Sample
EX24-B03	I022-08	1.000	13.6	09/18/2611:47	09/17/2617:52	ID8I011036	ID8I011030	IPI010S	Field Sample
EX24-B04	I022-09	1.000	12.9	09/18/2611:52	09/17/2617:52	ID8I011037	ID8I011030	IPI010S	Field Sample
EX44-W01	I022-10	1.000	10.4	09/18/2618:26	09/17/2617:52	ID8I012020	ID8I012018	IPI010S	Field Sample
EX46-N01	I022-11	1.000	10.5	09/18/2618:31	09/17/2617:52	ID8I012021	ID8I012018	IPI010S	Field Sample
EX46-S01	I022-12	1.000	12.9	09/18/2618:36	09/17/2617:52	ID8I012022	ID8I012018	IPI010S	Field Sample
EX46-S02	I022-13	1.000	11.4	09/18/2618:41	09/17/2617:52	ID8I012023	ID8I012018	IPI010S	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:33
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-W01	Date Analyzed:	09/18/26 10:32
Lab Samp ID:	I022-01	Dilution Factor:	1
Lab File ID:	ID8I011023	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	24.4
Calib. Ref.:	ID8I011018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	66.6	1.31	0.393

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:34
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-W02	Date Analyzed:	09/18/26 10:37
Lab Samp ID:	I022-02	Dilution Factor:	1
Lab File ID:	ID8I011024	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	18.3
Calib. Ref.:	ID8I011018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	52.0	1.20	0.360

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:51
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-S01	Date Analyzed:	09/18/26 10:55
Lab Samp ID:	I022-03	Dilution Factor:	1
Lab File ID:	ID8I011026	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	7.1
Calib. Ref.:	ID8I011018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	29.4	1.05	0.316

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:52
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-S02	Date Analyzed:	09/18/26 11:26
Lab Samp ID:	I022-04	Dilution Factor:	1
Lab File ID:	ID8I011032	Matrix:	SOIL
Ext Etch ID:	IPI010S	% Moisture:	16.1
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	11.6	1.18	0.354

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:36
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-E01	Date Analyzed:	09/18/26 11:31
Lab Samp ID:	I022-05	Dilution Factor:	1
Lab File ID:	ID8I011033	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	9.6
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	77.0	1.10	0.329

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:50
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-B01	Date Analyzed:	09/18/26 11:37
Lab Samp ID:	I022-06	Dilution Factor:	1
Lab File ID:	ID8I011034	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	12.7
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	9.32	1.11	0.334

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.03g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:49
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-B02	Date Analyzed:	09/18/26 11:42
Lab Samp ID:	I022-07	Dilution Factor:	1
Lab File ID:	ID8I011035	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	9.2
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	9.61	1.09	0.327

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:48
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-B03	Date Analyzed:	09/18/26 11:47
Lab Samp ID:	I022-08	Dilution Factor:	1
Lab File ID:	ID8I011036	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	13.6
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	7.48	1.15	0.344

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/16/26 14:48
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX24-B04	Date Analyzed:	09/18/26 11:52
Lab Samp ID:	I022-09	Dilution Factor:	1
Lab File ID:	ID8I011037	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	12.9
Calib. Ref.:	ID8I011030	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	7.45	1.14	0.341

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/17/26 09:15
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX44-W01	Date Analyzed:	09/18/26 18:26
Lab Samp ID:	I022-10	Dilution Factor:	1
Lab File ID:	ID8I012020	Matrix:	SOIL
Ext Etch ID:	IPI010S	% Moisture:	10.4
Calib. Ref.:	ID8I012018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	17.6	1.08	0.325

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.03g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I022
Sample ID: EX46-N01
Lab Samp ID: I022-11
Lab File ID: ID8I012021
Ext Etch ID: IPI010S
Calib. Ref.: ID8I012018

Date Collected: 09/17/26 13:10
Date Received: 09/17/26
Date Extracted: 09/17/26 17:52
Date Analyzed: 09/18/26 18:31
Dilution Factor: 1
Matrix: SOIL
% Moisture: 10.5
Instrument ID: D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	23.0	1.08	0.325

Note: Detection limits are reported relative to sample result significant figures.
Sample Amount : 1.03g
Prepared by : JChun

Final Volume:100ml
Analyzed by:JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/17/26 13:11
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX46-S01	Date Analyzed:	09/18/26 18:36
Lab Samp ID:	I022-12	Dilution Factor:	1
Lab File ID:	ID8I012022	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	12.9
Calib. Ref.:	ID8I012018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	25.4	1.14	0.341

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/17/26 13:12
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/17/26
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	EX46-S02	Date Analyzed:	09/18/26 18:41
Lab Samp ID:	I022-13	Dilution Factor:	1
Lab File ID:	ID8I012023	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	11.4
Calib. Ref.:	ID8I012018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	16.3	1.11	0.332

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I022	Date Extracted:	09/17/26 17:52
Sample ID:	MBLK1S	Date Analyzed:	09/18/26 10:17
Lab Samp ID:	IPI010SB	Dilution Factor:	1
Lab File ID:	ID8I011020	Matrix:	SOIL
Ext Btch ID:	IPI010S	% Moisture:	NA
Calib. Ref.:	ID8I011018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I022
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IPI010SB	IPI010SL	IPI010SC
LAB FILE ID	: ID8I011020	ID8I011021	ID8I011022
DATE PREPARED	: 09/17/26 17:52	09/17/26 17:52	09/17/26 17:52
DATE ANALYZED	: 09/18/26 10:17	09/18/26 10:22	09/18/26 10:27
PREP BATCH	: IPI010S	IPI010S	IPI010S
CALIBRATION REF	: ID8I011018	ID8I011018	ID8I011018

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	49.8	100	50	49.8	100	0	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I022
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE: 7.1
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: EX24-S01	EX24-S01MS	EX24-S01MSD
LAB SAMPLE ID	: I022-03	I022-03M	I022-03S
LAB FILE ID	: ID8I011026	ID8I011028	ID8I011029
DATE PREPARED	: 09/17/26 17:52	09/17/26 17:52	09/17/26 17:52
DATE ANALYZED	: 09/18/26 10:55	09/18/26 11:05	09/18/26 11:11
PREP BATCH	: IPI010S	IPI010S	IPI010S
CALIBRATION REF	: ID8I011018	ID8I011018	ID8I011018

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	29.4	53.3	84.8	104	52.7	88.5	112	4	75-125	20

PSResult - Parent Sample Result

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-22-2026
EMAX Batch No.: 26I026

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/18/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX01-N01	I026-01	09/18/26	SOIL	ARSENIC BY 6020
EX01-N02	I026-02	09/18/26	SOIL	ARSENIC BY 6020
EX01-N03	I026-03	09/18/26	SOIL	ARSENIC BY 6020
EX01-N04	I026-04	09/18/26	SOIL	ARSENIC BY 6020
EX01-B01	I026-05	09/18/26	SOIL	ARSENIC BY 6020
EX01-B02	I026-06	09/18/26	SOIL	ARSENIC BY 6020
EX01-B03	I026-07	09/18/26	SOIL	ARSENIC BY 6020
EX01-B04	I026-08	09/18/26	SOIL	ARSENIC BY 6020
EX01-S01	I026-09	09/18/26	SOIL	ARSENIC BY 6020
EX01-S02	I026-10	09/18/26	SOIL	ARSENIC BY 6020
EX01-S03	I026-11	09/18/26	SOIL	ARSENIC BY 6020
EX01-S04	I026-12	09/18/26	SOIL	ARSENIC BY 6020
EX01-E01	I026-13	09/18/26	SOIL	ARSENIC BY 6020
EX01-W01	I026-14	09/18/26	SOIL	ARSENIC BY 6020
EX34-E01A	I026-15	09/18/26	SOIL	LEAD

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI & DOD requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
California ELAP Accredited Certificate Number 2672

ENTHALPY ANALYTICAL

Chain of Custody Record | **Turn Around Time (rush by advanced notice only)**

Lab No: | Standard: | 5 Day: | 3 Day:

Page: 1 of 2 | 2 Day: | 1 Day: X | Custom TAT:

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: W = Water; DW = Drinking Water; S = Soil / Solid; WP = Wipe; SEA = Sea Water; O = Other

Preservatives: 1 = $Na_2S_2O_3$; 2 = HCl; 3 = HNO_3; 4 = H_2SO_4; 5 = NaOH; 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Terraphase Engineering	Quote #:	
Report To:	Vanya Keyes	Proj. Name:	Centennial HS Removal Excavation
Email:	Vanya.keyes@terraphase.com	Proj. #:	0500.002.001
Address:	18401 Von Karman Ave #910	P.O. #:	
	Irvine, CA 92612	Address:	
Phone:	949-377-2227	Global ID:	
Fax:		Sampled By:	O. Chew

	Sample ID	Sampling Date	Sampling Time	Matrix	Number of Containers	Preservative	Analysis Request: Arsenic by 6020	Analysis Request: Lead by 6010B	Test Instructions / Comments
1	EX01-N01	9/18/24	1321	Soil	1-8oz	ice	X		Please send EDD/ESDAT to EDD@terraphase.com
2	EX01-N02		1323				X		Please also send report to claire.steedman@terraphase.com
3	EX01-N03		1324				X		
4	EX01-N04		1325				X		
5	EX01-B01		1326				X		
6	EX01-B02		1327				X		
7	EX01-B03		1328				X		
8	EX01-B04		1329				X		
9	EX01-S01		1330				X		
10	EX01-S02	9/18/24	1331	Soil	1-8oz	ice	X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Owen Chew	TEI	9/18/24 1410
1 Received By:	FML 752	1/5/101: Field 752	FML	9/18/24 2110
2 Relinquished By:				
2 Received By:	Cecilia Chavez	Cecilia Chavez	EMAX	9/18/24 14:43
3 Relinquished By:				
3 Received By:				

Temp - 4.5

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record — Lab No: — Page: 2 of 2

Turn Around Time (rush by advanced notice only)
Standard: | 5 Day: | 3 Day:
2 Day: | 1 Day: X | Custom TAT:

Matrix: W = Water; DW = Drinking Water; S = Soil / Solid; WP = Wipe; SEA = Sea Water; O = Other

Preservatives: 1 = $Na_2S_2O_3$; 2 = HCl; 3 = HNO_3; 4 = H_2SO_4; 5 = NaOH; 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Terraphase Engineering	Quote #:	
Report To:	Vanya Keyes	Proj. Name:	Centennial HS Removal Excavation
Email:	Vanya.keyes@terraphase.com	Proj. #:	0500.002.001
Address:	18101 Von Karman Ave #910	P.O. #:	
	Irvine, CA 92612	Address:	
Phone:	949-377-2227	Global ID:	
Fax:		Sampled By:	O. Chen

	Sample ID	Sampling Date	Sampling Time	Matrix	Number of Containers	Preservative	Analysis Request: Arsenic by 6020	Analysis Request: Lead by 6010B	Test Instructions / Comments
11	EX01-S03	9/18/26	1332	Soil	1-8oz	ice	X		See PJ 1
12	EX01-S04		1333				X		
13	EX01-E01		1334				X		
14	EX01-W01		1335				X		
15	EX34-E01A	9/18/26	1355	Soil	1-8oz	ice		X	
6									
7									
8									
9									
10									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Owen Chen	TEI	9/18/26 1410
1 Received By:	FML 82	LS Holifield	FML	9/18/26 21:10
2 Relinquished By:				
2 Received By:				
3 Relinquished By:	Cecilia Chan	Cecilia Chan	EMAX	9/18/26 14:43
3 Received By:				

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 26 TOOL
☐ Fedex ☐ UPS ☐ GSO ☐ Others	All Around	Recipient Regina
☐ EMAX Courier ☐ Client Delivery		Date 9/18/26 Time 14:45

COC INSPECTION

☑ Client Name	☑ Client PM/FC	☐ Sampler Name	☑ Sampling Date/Time	☑ Sample ID	☑ Matrix
☑ Address	☐ Tel # / Fax #	☐ Courier Signature	☑ Analysis Required	☐ Preservative (if any)	☑ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note: _____

PACKAGING INSPECTION

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ _____
Temperatures (Cool, ≤6 °C but not frozen)	☑ Cooler 1 4.5 °C	☐ Cooler 2_____ °C	☑ Cooler 3_____ °C	☐ Cooler 4_____ °C	☐ Cooler 5_____ °C
	☐ Cooler 6_____ °C	☐ Cooler 7_____ °C	☐ Cooler 8_____ °C	☐ Cooler 9_____ °C	☐ Cooler 10_____ °C
Thermometer:	*A - S/N* 250038455	*B - S/N* 250014329	*C - S/N* 250123775	*D - S/N* 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note: _____

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
1 - 15		D1		D8
				9/18/26

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time!

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☐ NO

LEGEND:

☐ Continue to next page.

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
D1	Analysis is not indicated in Label	D13	Out of Holding Time	R1	Proceed as indicated in ☐ COC ☐ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	Inform client
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	_____
D10	No initial/date on corrections in COC/label	D22	_____	R10	_____
D11	Container count mismatch COC vs received	D23	_____	R11	_____
D12	Container size mismatch COC vs received	D24	_____	R12	_____

REVIEWS:

Sample Labeling _____ Date 9/18/26

SRF _____ Date 9/18/26

PM AT for NLD Date 9/18/26

EMAX Laboratories, Inc. 3051 Fujita St., Torrance, CA 90505

REPORTING CON ENTIONS

D T U LIFIERS

L	FCEE	D
	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
		Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E		Indicates that the result is above the maximum calibration range or estimated value.
		Out of QC limit.

N T

CRON MS ND RE I TIONS

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
P L	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

D TES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

METALS

SDG#: 26I026

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I026

METHOD SW3050B/6010B
LEAD BY TRACE ICP

One(1) soil sample was received on 09/18/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time
The sample was digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI011SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI011SL/IPI011SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed and the following was noted: I026-15M/I026-15S - Percent recovery for Lead was not within MS QC limit. Presence of matrix interference was suspected. Analytical spike and serial dilution were analyzed and evaluated as appropriate. Results were within expected values. Refer to Matrix QC summary form for details.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met with the exception of those that were discussed within the associated QC parameter.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I026
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI011SB	1.000	NA	09/18/2620:01	09/18/2617:22	ID8I012037	ID8I012035	IPI011S	Method Blank
LCS1S	IPI011SL	1.000	NA	09/18/2620:06	09/18/2617:22	ID8I012038	ID8I012035	IPI011S	Lab Control Sample (LCS)
LCD1S	IPI011SC	1.000	NA	09/18/2620:11	09/18/2617:22	ID8I012039	ID8I012035	IPI011S	LCS Duplicate
EX34-E01A	I026-15A	1.000	9.6	09/18/2620:16	09/18/2617:22	ID8I012040	ID8I012035	IPI011S	Analytical Spike Sample
EX34-E01A	I026-15	1.000	9.6	09/18/2620:21	09/18/2617:22	ID8I012041	ID8I012035	IPI011S	Field Sample
EX34-E01A	I026-15J	5.000	9.6	09/18/2620:27	09/18/2617:22	ID8I012042	ID8I012035	IPI011S	Diluted Sample
EX34-E01AMS	I026-15M	1.000	9.6	09/18/2620:32	09/18/2617:22	ID8I012043	ID8I012035	IPI011S	Matrix Spike Sample (MS)
EX34-E01AMSD	I026-15S	1.000	9.6	09/18/2620:37	09/18/2617:22	ID8I012044	ID8I012035	IPI011S	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:55
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 17:22
Sample ID:	EX34-E01A	Date Analyzed:	09/18/26 20:21
Lab Samp ID:	I026-15	Dilution Factor:	1
Lab File ID:	ID8I012041	Matrix:	SOIL
Ext Btch ID:	IPI011S	% Moisture:	9.6
Calib. Ref.:	ID8I012035	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	87.2	1.10	0.329

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I026	Date Extracted:	09/18/26 17:22
Sample ID:	MBLK1S	Date Analyzed:	09/18/26 20:01
Lab Samp ID:	IPI011SB	Dilution Factor:	1
Lab File ID:	ID8I012037	Matrix:	SOIL
Ext Btch ID:	IPI011S	% Moisture:	NA
Calib. Ref.:	ID8I012035	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IPI011SB	IPI011SL	IPI011SC
LAB FILE ID	: ID8I012037	ID8I012038	ID8I012039
DATE PREPARED	: 09/18/26 17:22	09/18/26 17:22	09/18/26 17:22
DATE ANALYZED	: 09/18/26 20:01	09/18/26 20:06	09/18/26 20:11
PREP BATCH	: IPI011S	IPI011S	IPI011S
CALIBRATION REF	: ID8I012035	ID8I012035	ID8I012035

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	50.1	100	50	50.2	100	0	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW3050B/6010B

MATRIX : SOIL % MOISTURE: 9.6
DILUTION FACTOR: 1 1 1
SAMPLE ID : EX34-E01A EX34-E01AMS EX34-E01AMSD
LAB SAMPLE ID : I026-15 I026-15M I026-15S
LAB FILE ID : ID8I012041 ID8I012043 ID8I012044
DATE PREPARED : 09/18/26 17:22 09/18/26 17:22 09/18/26 17:22
DATE ANALYZED : 09/18/26 20:21 09/18/26 20:32 09/18/26 20:37
PREP BATCH : IPI011S IPI011S IPI011S
CALIBRATION REF: ID8I012035 ID8I012035 ID8I012035

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	87.2	54.8	208	220*	54.2	141	99	38*	75-125	20

PSResult - Parent Sample Result
* Out of QC limit

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 9.6
DILUTION FACTOR	: 1	5
SAMPLE ID	: EX34-E01A	EX34-E01A
LAB SAMPLE ID	: I026-15	I026-15J
LAB FILE ID	: ID8I012041	ID8I012042
DATE PREPARED	: 09/18/26 17:22	09/18/26 17:22
DATE ANALYZED	: 09/18/26 20:21	09/18/26 20:27
PREP BATCH	: IPI011S	IPI011S
CALIBRATION REF	: ID8I012035	ID8I012035

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	SD Result (mg/kg)	%Difference (%)	Max %D (%)
Lead	87.2	84.4	3	10

SD - Serial Dilution

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 9.6
DILUTION FACTOR	: 1	1
SAMPLE ID	: EX34-E01A	EX34-E01A
LAB SAMPLE ID	: I026-15	I026-15A
LAB FILE ID	: ID8I012041	ID8I012040
DATE PREPARED	: 09/18/26 17:22	09/18/26 17:22
DATE ANALYZED	: 09/18/26 20:21	09/18/26 20:16
PREP BATCH	: IPI011S	IPI011S
CALIBRATION REF	: ID8I012035	ID8I012035

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	Spike Amt (mg/kg)	AS Result (mg/kg)	AS Rec (%)	QC Limit (%)
Lead	87.2	54.8	142	100	75-125

AS - Analytical Spike

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I026

METHOD SW6020A
ARSENIC BY ICP-MS

A total of fourteen(14) soil samples were received on 09/18/26 to be analyzed for Arsenic by ICP-MS in accordance with Method SW6020A and project specific requirements.

Holding Time
Samples were digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IMI009SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IMI009SL/IMI009SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Arsenic was within MS QC limits in I026-14M/I026-14S. Refer to Matrix QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE
ARSENIC BY ICP-MS

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I026
Instrument ID : H6

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IMI009SB	1	NA	09/21/2612:48	09/18/2618:40	H6I07023	H6I07014	IMI009S	Method Blank
LCS1S	IMI009SL	1	NA	09/21/2612:51	09/18/2618:40	H6I07024	H6I07014	IMI009S	Lab Control Sample (LCS)
LCD1S	IMI009SC	1	NA	09/21/2612:54	09/18/2618:40	H6I07025	H6I07014	IMI009S	LCS Duplicate
EX01-N01	I026-01	1	10.5	09/21/2613:04	09/18/2618:40	H6I07028	H6I07026	IMI009S	Field Sample
EX01-N02	I026-02	1	9.3	09/21/2613:08	09/18/2618:40	H6I07029	H6I07026	IMI009S	Field Sample
EX01-N03	I026-03	1	11.3	09/21/2613:11	09/18/2618:40	H6I07030	H6I07026	IMI009S	Field Sample
EX01-N04	I026-04	1	11.0	09/21/2613:14	09/18/2618:40	H6I07031	H6I07026	IMI009S	Field Sample
EX01-B01	I026-05	1	11.4	09/21/2613:17	09/18/2618:40	H6I07032	H6I07026	IMI009S	Field Sample
EX01-B02	I026-06	1	11.5	09/21/2613:21	09/18/2618:40	H6I07033	H6I07026	IMI009S	Field Sample
EX01-B03	I026-07	1	13.0	09/21/2613:24	09/18/2618:40	H6I07034	H6I07026	IMI009S	Field Sample
EX01-B04	I026-08	1	11.7	09/21/2613:27	09/18/2618:40	H6I07035	H6I07026	IMI009S	Field Sample
EX01-S01	I026-09	1	14.0	09/21/2613:31	09/18/2618:40	H6I07036	H6I07026	IMI009S	Field Sample
EX01-S02	I026-10	1	12.0	09/21/2613:34	09/18/2618:40	H6I07037	H6I07026	IMI009S	Field Sample
EX01-S03	I026-11	1	11.5	09/21/2614:02	09/18/2618:40	H6I07040	H6I07038	IMI009S	Field Sample
EX01-S04	I026-12	1	12.7	09/21/2614:05	09/18/2618:40	H6I07041	H6I07038	IMI009S	Field Sample
EX01-E01	I026-13	1	11.1	09/21/2614:08	09/18/2618:40	H6I07042	H6I07038	IMI009S	Field Sample
EX01-W01	I026-14	1	9.8	09/21/2614:15	09/18/2618:40	H6I07044	H6I07038	IMI009S	Field Sample
EX01-W01MS	I026-14M	1	9.8	09/21/2614:21	09/18/2618:40	H6I07046	H6I07038	IMI009S	Matrix Spike Sample (MS)
EX01-W01MSD	I026-14S	1	9.8	09/21/2614:25	09/18/2618:40	H6I07047	H6I07038	IMI009S	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:21
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-N01	Date Analyzed:	09/21/26 13:04
Lab Samp ID:	I026-01	Dilution Factor:	1
Lab File ID:	H6I07028	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	10.5
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.48	0.553	0.221

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.02g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:23
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-N02	Date Analyzed:	09/21/26 13:08
Lab Samp ID:	I026-02	Dilution Factor:	1
Lab File ID:	H6I07029	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	9.3
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.77	0.549	0.219

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:24
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-N03	Date Analyzed:	09/21/26 13:11
Lab Samp ID:	I026-03	Dilution Factor:	1
Lab File ID:	H6I07030	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.3
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.41	0.555	0.222

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.03g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:25
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-N04	Date Analyzed:	09/21/26 13:14
Lab Samp ID:	I026-04	Dilution Factor:	1
Lab File ID:	H6I07031	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.0
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	11.1	0.559	0.224

Note: Detection limits are reported relative to sample result significant figures.
Sample Amount : 2.01g Final Volume:100ml
Prepared by : TKosak Analyzed by:Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:26
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-B01	Date Analyzed:	09/21/26 13:17
Lab Samp ID:	I026-05	Dilution Factor:	1
Lab File ID:	H6I07032	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.4
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	6.57	0.559	0.223

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.02g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:27
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-B02	Date Analyzed:	09/21/26 13:21
Lab Samp ID:	I026-06	Dilution Factor:	1
Lab File ID:	H6I07033	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.5
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.05	0.565	0.226

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:28
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-B03	Date Analyzed:	09/21/26 13:24
Lab Samp ID:	I026-07	Dilution Factor:	1
Lab File ID:	H6I07034	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	13.0
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.95	0.572	0.229

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:29
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-B04	Date Analyzed:	09/21/26 13:27
Lab Samp ID:	I026-08	Dilution Factor:	1
Lab File ID:	H6I07035	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.7
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.34	0.563	0.225

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:30
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-S01	Date Analyzed:	09/21/26 13:31
Lab Samp ID:	I026-09	Dilution Factor:	1
Lab File ID:	H6I07036	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	14.0
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.74	0.576	0.230

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.02g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:31
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-S02	Date Analyzed:	09/21/26 13:34
Lab Samp ID:	I026-10	Dilution Factor:	1
Lab File ID:	H6I07037	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	12.0
Calib. Ref.:	H6I07026	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.36	0.562	0.225

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.02g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:32
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-S03	Date Analyzed:	09/21/26 14:02
Lab Samp ID:	I026-11	Dilution Factor:	1
Lab File ID:	H6I07040	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.5
Calib. Ref.:	H6I07038	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	5.11	0.562	0.225

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:33
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-S04	Date Analyzed:	09/21/26 14:05
Lab Samp ID:	I026-12	Dilution Factor:	1
Lab File ID:	H6I07041	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	12.7
Calib. Ref.:	H6I07038	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	14.3	0.573	0.229

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:34
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-E01	Date Analyzed:	09/21/26 14:08
Lab Samp ID:	I026-13	Dilution Factor:	1
Lab File ID:	H6I07042	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	11.1
Calib. Ref.:	H6I07038	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	7.40	0.560	0.224

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/18/26 13:35
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/18/26
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	EX01-W01	Date Analyzed:	09/21/26 14:15
Lab Samp ID:	I026-14	Dilution Factor:	1
Lab File ID:	H6I07044	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	9.8
Calib. Ref.:	H6I07038	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.91	0.549	0.220

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.02g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I026	Date Extracted:	09/18/26 18:40
Sample ID:	MBLK1S	Date Analyzed:	09/21/26 12:48
Lab Samp ID:	IMI009SB	Dilution Factor:	1
Lab File ID:	H6I07023	Matrix:	SOIL
Ext Btch ID:	IMI009S	% Moisture:	NA
Calib. Ref.:	H6I07014	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	ND	0.500	0.200

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	Matthew Hong

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW6020A

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR:	1	1	1
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IMI009SB	IMI009SL	IMI009SC
LAB FILE ID	: H6I07023	H6I07024	H6I07025
DATE PREPARED	: 09/18/26 18:40	09/18/26 18:40	09/18/26 18:40
DATE ANALYZED	: 09/21/26 12:48	09/21/26 12:51	09/21/26 12:54
PREP BATCH	: IMI009S	IMI009S	IMI009S
CALIBRATION REF:	H6I07014	H6I07014	H6I07014

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Arsenic	ND	20	21.7	109	20	21.3	107	2	82-118	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I026
METHOD : SW6020A

MATRIX	: SOIL		% MOISTURE: 9.8
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: EX01-W01	EX01-W01MS	EX01-WC1MSD
LAB SAMPLE ID	: I026-14	I026-14M	I026-14S
LAB FILE ID	: H6I07044	H6I07046	H6I07047
DATE PREPARED	: 09/18/26 18:40	09/18/26 18:40	09/18/26 18:40
DATE ANALYZED	: 09/21/26 14:15	09/21/26 14:21	09/21/26 14:25
PREP BATCH	: IMI009S	IMI009S	IMI009S
CALIBRATION REF	: H6I07038	H6I07038	H6I07038

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Arsenic	3.91	22	25.5	98	21.8	25.3	98	1	82-118	20

PSResult - Parent Sample Result

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-23-2026
EMAX Batch No.: 26I029

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/21/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX40-S04	I029-01	09/21/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)
EX40-S05	I029-02	09/21/26	SOIL	POLYCHLORINATED BIPHENYLS (PCBS)

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
California ELAP Accredited Certificate Number 2672

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. 26I029
PROJECT CODE:

CLIENT: Terraphase Engineering
PROJECT: Centennial HS
COORDINATOR: Vanya Keyes
TEL / FAX / EMAIL
SEND REPORT TO: vanya.keyes@terraphase.com
COMPANY: Terraphase Engineering
ADDRESS: 2606 N Central Ave, Compton, CA 90222
EMAX PM

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaO3
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: PCBs (8082); Lead (6010)

TAT:
- [X] Rush __24__ hrs.
- [ ] Rush __48_hrs
- [ ] Rush_72_hrs
- [ ] 7 days
- [ ] 14 days
- [ ] 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
* 1	EX40-S04	LA	9/21/26	1040	1	4oz	jar	SS		X	
* 2	EX40-S05	LA	9/21/26	1045	1	4oz	jar	SS		X	
* 3											
* 4											
* 5											
* 6											
* 7											
* 8											
* 9											
10											

Instructions: Send report to clare.steedman@terraphase.com as well.

Cooler #	Temp. (°C)	Sample #s
1	5.8	

SAMPLER
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
	9/21/26	1230	
	9/21/26	13:50	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	
☐ Fedex ☐ UPS ☐ GSO ☑ Others All Around		ECN 26I029
☐ EMAX Courier ☐ Client Delivery		Recipient [signature]
		Date 9/21/26 Time 13:00

COC INSPECTION

☑ Client Name	☑ Client PM/FC	☑ Sampler Name	☑ Sampling Date/Time	☑ Sample ID	☑ Matrix
☑ Address	☐ Tel # / Fax #	☑ Courier Signature	☑ Analysis Required	☐ Preservative (if any)	☑ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note:

PACKAGING INSPECTION

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ _____
Temperatures (Cool, ≤6 °C but not frozen)	☑ Cooler 1 5.8 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C
Thermometer:	A - S/N 250038455	B - S/N 250014329	C - S/N 250723775	D - S/N 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note:

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
1,2	1,2	D10		R8
1,2	1,2	D1		R1

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time. [signature] RB 9/21/26

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☐ NO

LEGEND:

☐ Continue to next page.

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
D1	Analysis is not indicated in label	D13	Out of Holding Time	R1	Proceed as indicated in ☒ COC ☐ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	Informed Client
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	
D10	No initial/date on corrections in COC label	D22		R10	
D11	Container count mismatch COC vs received	D23		R11	
D12	Container size mismatch COC vs received	D24		R12	

REVIEWS:

Sample Labeling [signature] / Maria Rivera
Date 9/21/26 09/21/26

SRF [signature]
Date 9/21/26

PM RB
Date 9/21/26

EMAX Laboratories, Inc. 3051 Fujita St., Torrance, CA 90505

REPORTING CON ENTIONS

D T U LIFIERS

L	FCEE	D
	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
		Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E		Indicates that the result is above the maximum calibration range or estimated value.
		Out of QC limit.

N T

CRON MS ND RE I TIONS

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
P L	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

D TES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

CASE NARRATIVE

Client: TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I029

METHOD SW3550B/8082A

PCBS

A total of two(2) soil samples were received on 09/21/26 to be analyzed for PCBs in accordance with Method SW3550B/8082A and project specific requirements.

Holding Time

Samples were analyzed within the prescribed holding time.

Calibration

Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. 60I010SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. 60I010SL/60I010SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample

No matrix QC sample was provided on this SDG.

Surrogate

Surrogates were added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Relative percentage difference (RPD) between the two results was evaluated. If RPD is less than 40% and peaks are well defined the higher result is reported. Where RPD is greater than 40% the chromatogram was checked for anomalies and results were selected based on processed knowledge. If there is no evidence of any chromatographic ambiguity, the higher result is reported.

Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

MB, LCS/LCSD and samples extracts were subjected to cleanup method SW3665A to reduce matrix interference.

All samples detected Aroclor 1262 were reported channel A due to CCV out of limit on B channel

LAB CHRONICLE
PCBs

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION

SDG NO. : 26I029
Instrument ID : 71

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	60I010SB	1	NA	09/21/2618:13	09/21/2614:16	KI21005A	KI21002A	CPI010S	Method Blank
LCS1S	60I010SL	1	NA	09/21/2618:33	09/21/2614:16	KI21006A	KI21002A	CPI010S	Lab Control Sample (LCS)
LCD1S	60I010SC	1	NA	09/21/2618:53	09/21/2614:16	KI21007A	KI21002A	CPI010S	LCS Duplicate
EX40-S04	I029-01	1	14.6	09/21/2619:13	09/21/2614:16	KI21008A	KI21002A	CPI010S	Field Sample
EX40-S05	I029-02	1	7.5	09/21/2619:34	09/21/2614:16	KI21009A	KI21002A	CPI010S	Field Sample

FN - Filename
% Moist - Percent Moisture

Sample Results

METHOD SW3550B/8082A
PCBs

Client	: TERRAPHASE ENGINEERING	Date Collected	: 09/21/26
Project	: CENTENNIAL HS REMEDIATION	Date Received	: 09/21/26
Batch No.	: 26I029	Date Extracted	: 09/21/26 14:16
Sample ID	: Ex40-S04	Date Analyzed	: 09/21/26 19:13
Lab Samp ID	: I029-01	Dilution Factor	: 1
Lab File ID	: KI21008A	Matrix	: SOIL
Ext Btch ID	: CPI010S	% Moisture	: 14.6
Calib. Ref.	: KI21002A	Instrument ID	: GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	59	9.7|9.7
AROCLOR-1221	(ND)|ND	59	9.7|9.7
AROCLOR-1232	(ND)|ND	59	9.7|9.7
AROCLOR-1242	(ND)|ND	59	9.7|9.7
AROCLOR-1248	(ND)|ND	59	9.7|9.7
AROCLOR-1254	(ND)|ND	59	9.7|9.7
AROCLOR-1260	(ND)|ND	59	9.7|9.7
AROCLOR-1262	(22J)|28J	120	20|20
AROCLOR-1268	(ND)|ND	120	20|20

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	18.72|(19.79)	15.61	120|(127)	44-130
DECACHLOROBIPHENYL	(16.64)|16.14	15.61	(107)|103	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

METHOD SW3550B/8082A
PCBs

Client	: TERRAPHASE ENGINEERING	Date Collected	: 09/21/26
Project	: CENTENNIAL HS REMEDIATION	Date Received	: 09/21/26
Batch No.	: 26I029	Date Extracted	: 09/21/26 14:16
Sample ID	: Ex40-S05	Date Analyzed	: 09/21/26 19:34
Lab Samp ID	: I029-02	Dilution Factor	: 1
Lab File ID	: KI21009A	Matrix	: SOIL
Ext Btch ID	: CPI010S	% Moisture	: 7.5
Calib. Ref.	: KI21002A	Instrument ID	: GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	54	9.0|9.0
AROCLOR-1221	(ND)|ND	54	9.0|9.0
AROCLOR-1232	(ND)|ND	54	9.0|9.0
AROCLOR-1242	(ND)|ND	54	9.0|9.0
AROCLOR-1248	(ND)|ND	54	9.0|9.0
AROCLOR-1254	(ND)|ND	54	9.0|9.0
AROCLOR-1260	(ND)|ND	54	9.0|9.0
AROCLOR-1262	(75J)|87J	110	18|18
AROCLOR-1268	(ND)|ND	110	18|18

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	16.76|(17.36)	14.41	116|(120)	44-130
DECACHLOROBIPHENYL	14.29|(14.67)	14.41	99.2|(102)	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

QC Summary

METHOD SW3550B/8082A
PCBs

Client	: TERRAPHASE ENGINEERING	Date Collected	: NA
Project	: CENTENNIAL HS REMEDIATION	Date Received	: 09/21/26
Batch No.	: 26I029	Date Extracted	: 09/21/26 14:16
Sample ID	: MBLK1S	Date Analyzed	: 09/21/26 18:13
Lab Samp ID	: 60I010SB	Dilution Factor	: 1
Lab File ID	: KI21005A	Matrix	: SOIL
Ext Btch ID	: CPI010S	% Moisture	: NA
Calib. Ref.	: KI21002A	Instrument ID	: GCT071

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
AROCLOR-1016	(ND)|ND	50	8.3|8.3
AROCLOR-1221	(ND)|ND	50	8.3|8.3
AROCLOR-1232	(ND)|ND	50	8.3|8.3
AROCLOR-1242	(ND)|ND	50	8.3|8.3
AROCLOR-1248	(ND)|ND	50	8.3|8.3
AROCLOR-1254	(ND)|ND	50	8.3|8.3
AROCLOR-1260	(ND)|ND	50	8.3|8.3
AROCLOR-1262	(ND)|ND	100	17|17
AROCLOR-1268	(ND)|ND	100	17|17

SURROGATE PARAMETERS	RESULTS	SPK_AMT	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	15.63|(16.73)	13.33	117|(126)	44-130
DECACHLOROBIPHENYL	(14.67)|13.68	13.33	(110)|103	60-125

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TERRAPHASE ENGINEERING
PROJECT: CENTENNIAL HS REMEDIATION
BATCH NO.: 26I029
METHOD: METHOD SW3550B/8082A

MATRIX: SOIL % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1S
LAB SAMP ID: 60I010SB 60I010SL 60I010SC
LAB FILE ID: KI21005A KI21006A KI21007A
DATE EXTRACTED: 09/21/2614:16 09/21/2614:16 09/21/2614:16 DATE COLLECTED: NA
DATE ANALYZED: 09/21/2618:13 09/21/2618:33 09/21/2618:53 DATE RECEIVED: 09/21/26
PREP. BATCH: CPI010S CPI010S CPI010S
CALIB. REF: KI21002A KI21002A KI21002A

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Aroclor-1016	(ND)|ND	167	184|(190)	110|(114)	167	181|(194)	109|(116)	2|(2)	47-134	30
Aroclor-1260	(ND)|ND	167	(202)|191	(121)|115	167	(198)|193	(119)|116	(2)|1	53-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	13.33	15.42|(16.47)	116|(124)	13.33	15.94|(16.76)	120|(126)	44-130
Decachlorobiphenyl	13.33	(15.01)|13.61	(113)|102	13.33	(15.39)|14.33	(115)|108	60-125

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-25-2026
EMAX Batch No.: 26I035

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/24/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
EX34-E01B	I035-01	09/24/26	SOIL	LEAD
EX01-B5	I035-02	09/24/26	SOIL	ARSENIC BY 6020
EX01-E2	I035-03	09/24/26	SOIL	ARSENIC BY 6020
EX01-S5	I035-04	09/24/26	SOIL	ARSENIC BY 6020
EX01-S6	I035-05	09/24/26	SOIL	ARSENIC BY 6020

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
California ELAP Accredited Certificate Number 2672

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. 261035
PROJECT CODE:

CLIENT: Terraphase Engineering
PROJECT: Centennial HS
COORDINATOR: Vanya Keyes / Clare Steedman
TEL / FAX / EMAIL
SEND REPORT TO: Terraphase Engineering
COMPANY: Vanya.Keyes@terraphase.com
ADDRESS: 2606 N Central Ave
Compton, CA 90222
EMAX PM

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaO3
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: Lead (6010), Arsenic (6020)

TAT:
- [X] Rush __24__hrs.
- [ ] Rush __48_hrs
- [ ] Rush_72_hrs
- [ ] 7 days
- [ ] 14 days
- [ ] 21 days

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
* 1	EX34-E01B	LA	9/24/26	0815	1	4oz	jar	SS		X	
* 2	EX01-B5	LA	9/24/26	0955	1	4oz	jar	SS		X	
* 3	EX01-E2	LA	9/24/26	1000	1	4oz	jar	SS		X	
* 4	EX01-S5	LA	9/24/26	1005	1	4oz	jar	SS		X	
* 5	EX01-S6	LA	9/24/26	1010	1	4oz	jar	SS		X	
* 6											
* 7											
* 8											
* 9											
10											

Instructions: Send report to Clare.Steedman@terraphase.com as well

Cooler #	Temp. (°C)	Sample #s
1	5.5	

SAMPLER
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
Jackson Long	9/24/26	1057	
	9/24/26	11:40	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 261035
☐ Fedex ☐ UPS ☐ GSO ☐ Others		Recipient ~~MA~~ MP 9/24/26 Cecilia Chavez
☐ EMAX Courier ☒ Client Delivery		Date 09/24/26 Time 11:40

COC INSPECTION

☒ Client Name	☐ Client PM/FC	☐ Sampler Name	☒ Sampling Date/Time	☒ Sample ID	☐ Matrix
☐ Address	☐ Tel # / Fax #	☐ Courier Signature	☒ Analysis Required	☐ Preservative (if any)	☒ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note: _____

PACKAGING INSPECTION

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ _____
Temperatures (Cool, ≤6 °C but not frozen)	☒ Cooler 1 5.5 °C	☐ Cooler 2 _____ °C	☐ Cooler 3 _____ °C	☐ Cooler 4 _____ °C	☐ Cooler 5 _____ °C
	☐ Cooler 6 _____ °C	☐ Cooler 7 _____ °C	☐ Cooler 8 _____ °C	☐ Cooler 9 _____ °C	☐ Cooler 10 _____ °C
Thermometer:	A - S/N 250038455	B - S/N 250014329	C - S/N 250723775	D - S/N 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note: _____

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time.

MP 9/24/26

NOTES/OBSERVATIONS:

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☒ NO

☐ Continue to next page.

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
D1	Analysis is not indicated in _____	D13	Out of Holding Time	R1	Proceed as indicated in ☐ COC ☐ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	_____
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	_____
D10	No initial/date on corrections in COC/label	D22	_____	R10	_____
D11	Container count mismatch COC vs received	D23	_____	R11	_____
D12	Container size mismatch COC vs received	D24	_____	R12	_____

REVIEWS:

Sample Labeling Maria Rivera Date 09/24/26 9/24/26

SRF Date 9/24/26

PM MP Date 9/24/26

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range or estimated value.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

CASE NARRATIVE

Client: TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG: 26I035

METHOD SW3050B/6010B

LEAD BY TRACE ICP

One(1) soil sample was received on 09/24/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time

The sample was digested and analyzed within the prescribed holding time.

Calibration

Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI015SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI015SL/IPI015SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample

Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed and the following was noted: I035-01M/I035-01S - Percent recovery and RPD for Lead(214X) were not within MS/MSD QC limits. The enclosed value(#X) is the ratio of parent sample result and spike amount. Presence of matrix inhomogeneity is suspected. Analytical spike and serial dilution were analyzed and evaluated as appropriate. Serial dilution results were within expected values. Refer to Matrix QC summary form for details.

Sample Analysis

The sample was analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met with the exception of those that were discussed within the associated QC parameter.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I035
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI015SB	1.000	NA	09/24/2616:59	09/24/2614:37	ID8I015031	ID8I015029	IPI015S	Method Blank
LCS1S	IPI015SL	1.000	NA	09/24/2617:05	09/24/2614:37	ID8I015032	ID8I015029	IPI015S	Lab Control Sample (LCS)
LCD1S	IPI015SC	1.000	NA	09/24/2617:10	09/24/2614:37	ID8I015033	ID8I015029	IPI015S	LCS Duplicate
EX34-E01B	I035-01A	10.00	7.8	09/24/2617:44	09/24/2614:37	ID8I015036	ID8I015029	IPI015S	Analytical Spike Sample
EX34-E01B	I035-01I	10.00	7.8	09/24/2617:49	09/24/2614:37	ID8I015037	ID8I015029	IPI015S	Diluted Sample
EX34-E01B	I035-01J	50.00	7.8	09/24/2617:55	09/24/2614:37	ID8I015038	ID8I015029	IPI015S	Diluted Sample
EX34-E01BMS	I035-01M	10.00	7.8	09/24/2618:00	09/24/2614:37	ID8I015039	ID8I015029	IPI015S	Matrix Spike Sample (MS)
EX34-E01BMSD	I035-01S	10.00	7.8	09/24/2618:05	09/24/2614:37	ID8I015040	ID8I015029	IPI015S	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Sample Results

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/24/26 08:15
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/24/26
SDG NO.	: 26I035	Date Extracted:	09/24/26 14:37
Sample ID:	EX34-E01B	Date Analyzed:	09/24/26 17:49
Lab Samp ID:	I035-01I	Dilution Factor:	10
Lab File ID:	ID8I015037	Matrix:	SOIL
Ext Btch ID:	IPI015S	% Moisture:	7.8
Calib. Ref.:	ID8I015029	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	11500	10.7	3.22

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.01g	Final Volume:	100ml
Prepared by	: TKosak	Analyzed by:	JChun

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

QC Summary

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING — Date Collected: NA
Project : CENTENNIAL HS REMEDIATION — Date Received: NA
SDG NO. : 26I035 — Date Extracted: 09/24/26 14:37
Sample ID: MBLK1S — Date Analyzed: 09/24/26 16:59
Lab Samp ID: IPI015SB — Dilution Factor: 1
Lab File ID: ID8I015031 — Matrix: SOIL
Ext Btch ID: IPI015S — % Moisture: NA
Calib. Ref.: ID8I015029 — Instrument ID: D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.
Sample Amount : 1g — Final Volume:100ml
Prepared by : TKosak — Analyzed by:JChun

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I035
METHOD : SW3050B/6010B

MATRIX : SOIL % MOISTURE:NA
DILUTION FACTOR: 1.000 1.000 1.000
SAMPLE ID : MBLK1S LCS1S LCD1S
LAB SAMPLE ID : IPI015SB IPI015SL IPI015SC
LAB FILE ID : ID8I015031 ID8I015032 ID8I015033
DATE PREPARED : 09/24/26 14:37 09/24/26 14:37 09/24/26 14:37
DATE ANALYZED : 09/24/26 16:59 09/24/26 17:05 09/24/26 17:10
PREP BATCH : IPI015S IPI015S IPI015S
CALIBRATION REF: ID8I015029 ID8I015029 ID8I015029

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	50.1	100	50	49.7	99	1	80-120	20

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I035
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE: 7.8
DILUTION FACTOR	: 10	10	10
SAMPLE ID	: EX34-E01B	EX34-E01BMS	EX34-E01BMSD
LAB SAMPLE ID	: I035-01I	I035-01M	I035-01S
LAB FILE ID	: ID8I015037	ID8I015039	ID8I015040
DATE PREPARED	: 09/24/26 14:37	09/24/26 14:37	09/24/26 14:37
DATE ANALYZED	: 09/24/26 17:49	09/24/26 18:00	09/24/26 18:05
PREP BATCH	: IPI015S	IPI015S	IPI015S
CALIBRATION REF	: ID8I015029	ID8I015029	ID8I015029

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	11500	53.7	28800	32216*	53.7	440	-20596*	194*	75-125	20

PSResult - Parent Sample Result
* Out of QC limit

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

CASE NARRATIVE

Client: TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG: 26I035

METHOD SW6020A

ARSENIC BY ICP-MS

A total of four(4) soil samples were received on 09/24/26 to be analyzed for Arsenic by ICP-MS in accordance with Method SW6020A and project specific requirements.

Holding Time

Samples were digested and analyzed within the prescribed holding time.

Calibration

Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IMI011SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IMI011SL/IMI011SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample

Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Arsenic was within MS QC limits in I035-05M/I035-05S. Refer to Matrix QC summary form for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE
ARSENIC BY ICP-MS

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I035
Instrument ID : H6

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IMI011SB	1	NA	09/24/2615:42	09/24/2613:12	H6I09018	H6I09016	IMI011S	Method Blank
LCS1S	IMI011SL	1	NA	09/24/2615:47	09/24/2613:12	H6I09019	H6I09016	IMI011S	Lab Control Sample (LCS)
LCD1S	IMI011SC	1	NA	09/24/2615:54	09/24/2613:12	H6I09020	H6I09016	IMI011S	LCS Duplicate
EX01-B5	I035-02	1	14.1	09/24/2616:05	09/24/2613:12	H6I09023	H6I09016	IMI011S	Field Sample
EX01-E2	I035-03	1	11.4	09/24/2616:08	09/24/2613:12	H6I09024	H6I09016	IMI011S	Field Sample
EX01-S5	I035-04	1	11.1	09/24/2616:12	09/24/2613:12	H6I09025	H6I09016	IMI011S	Field Sample
EX01-S6	I035-05	1	9.0	09/24/2616:19	09/24/2613:12	H6I09027	H6I09016	IMI011S	Field Sample
EX01-S6MS	I035-05M	1	9.0	09/24/2616:32	09/24/2613:12	H6I09031	H6I09028	IMI011S	Matrix Spike Sample (MS)
EX01-S6MSD	I035-05S	1	9.0	09/24/2616:35	09/24/2613:12	H6I09032	H6I09028	IMI011S	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Sample Results

METHOD SW6020A
ARSENIC BY ICP-MS

Client : TERRAPHASE ENGINEERING	Date Collected: 09/24/26 09:55
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/24/26
SDG NO. : 26I035	Date Extracted: 09/24/26 13:12
Sample ID: EX01-B5	Date Analyzed: 09/24/26 16:05
Lab Samp ID: I035-02	Dilution Factor: 1
Lab File ID: H6I09023	Matrix: SOIL
Ext Btch ID: IMI011S	% Moisture: 14.1
Calib. Ref.: H6I09016	Instrument ID: H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.96	0.579	0.232

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount : 2.01g	Final Volume:100ml
Prepared by : MHong	Analyzed by:Matthew Hong

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

METHOD SW6020A
ARSENIC BY ICP-MS

Client : TERRAPHASE ENGINEERING	Date Collected: 09/24/26 10:00
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/24/26
SDG NO. : 26I035	Date Extracted: 09/24/26 13:12
Sample ID: EX01-E2	Date Analyzed: 09/24/26 16:08
Lab Samp ID: I035-03	Dilution Factor: 1
Lab File ID: H6I09024	Matrix: SOIL
Ext Btch ID: IMI011S	% Moisture: 11.4
Calib. Ref.: H6I09016	Instrument ID: H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.97	0.562	0.225

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount : 2.008g	Final Volume:100ml
Prepared by : MHong	Analyzed by:Matthew Hong

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

METHOD SW6020A
ARSENIC BY ICP-MS

Client : TERRAPHASE ENGINEERING	Date Collected: 09/24/26 10:05
Project : CENTENNIAL HS REMEDIATION	Date Received: 09/24/26
SDG NO. : 26I035	Date Extracted: 09/24/26 13:12
Sample ID: EX01-S5	Date Analyzed: 09/24/26 16:12
Lab Samp ID: I035-04	Dilution Factor: 1
Lab File ID: H6I09025	Matrix: SOIL
Ext Btch ID: IMI011S	% Moisture: 11.1
Calib. Ref.: H6I09016	Instrument ID: H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	11.7	0.557	0.223

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount : 2.018g	Final Volume:100ml
Prepared by : MHong	Analyzed by:Matthew Hong

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/24/26 10:10
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/24/26
SDG NO.	: 26I035	Date Extracted:	09/24/26 13:12
Sample ID:	EX01-S6	Date Analyzed:	09/24/26 16:19
Lab Samp ID:	I035-05	Dilution Factor:	1
Lab File ID:	H6I09027	Matrix:	SOIL
Ext Btch ID:	IMI011S	% Moisture:	9.0
Calib. Ref.:	H6I09016	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.24	0.546	0.218

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 2.013g	Final Volume:	100ml
Prepared by	: MHong	Analyzed by:	Matthew Hong

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

QC Summary

METHOD SW6020A
ARSENIC BY ICP-MS

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I035	Date Extracted:	09/24/26 13:12
Sample ID:	MBLK1S	Date Analyzed:	09/24/26 15:42
Lab Samp ID:	IMI011SB	Dilution Factor:	1
Lab File ID:	H6I09018	Matrix:	SOIL
Ext Btch ID:	IMI011S	% Moisture:	NA
Calib. Ref.:	H6I09016	Instrument ID:	H6

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	ND	0.500	0.200

Note: Detection limits are reported relative to sample result significant figures.
Sample Amount : 2g Final Volume:100ml
Prepared by : MHong Analyzed by:Matthew Hong

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I035
METHOD : SW6020A

MATRIX : SOIL % MOISTURE:NA
DILUTION FACTOR: 1 1 1
SAMPLE ID : MBLK1S LCS1S LCD1S
LAB SAMPLE ID : IMI011SB IMI011SL IMI011SC
LAB FILE ID : H6I09018 H6I09019 H6I09020
DATE PREPARED : 09/24/26 13:12 09/24/26 13:12 09/24/26 13:12
DATE ANALYZED : 09/24/26 15:42 09/24/26 15:47 09/24/26 15:54
PREP BATCH : IMI011S IMI011S IMI011S
CALIBRATION REF: H6I09016 H6I09016 H6I09016

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Arsenic	ND	20	18.5	93	20	18.4	92	1	82-118	20

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I035
METHOD : SW6020A

MATRIX	: SOIL		% MOISTURE: 9.0
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: EX01-S6	EX01-S6MS	EX01-S6MSD
LAB SAMPLE ID	: I035-05	I035-05M	I035-05S
LAB FILE ID	: H6I09027	H6I09031	H6I09032
DATE PREPARED	: 09/24/26 13:12	09/24/26 13:12	09/24/26 13:12
DATE ANALYZED	: 09/24/26 16:19	09/24/26 16:32	09/24/26 16:35
PREP BATCH	: IMI011S	IMI011S	IMI011S
CALIBRATION REF	: H6I09016	H6I09028	H6I09028

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Arsenic	3.24	22	25.3	100	21.9	25.4	101	0	82-118	20

PSResult - Parent Sample Result

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

EMAX LABORATORIES, INC.
3051 Fujita Street
Torrance, CA 90505
Tel: (310)-618-8889

Date: 09-25-2026
EMAX Batch No.: 26I028

Attn: Clare Steedman

TERRAPHASE ENGINEERING
18401 Von Karman Ave. Suite 410
Irvine CA 92612

Subject: Laboratory Report
Project: CENTENNIAL HS REMEDIATION

Enclosed is the Laboratory report for samples received on 09/21/26.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
STOCKPILE-PB	I028-01	09/21/26	SOIL	LEAD WET
				LEAD TCLP
				LEAD

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912025-30
California ELAP Accredited Certificate Number 2672

CHAIN OF CUSTODY

EMAX Laboratories, Inc.
3051 Fujita St., Torrance, CA 90505
Tel # : 310-618-8889 FAX#: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. 26I028

PROJECT CODE:

CLIENT Teraphase Engineering
PROJECT Centennial HS
COORDINATOR Vanya Keyes / Clare Steedman
TEL FAX EMAIL
SEND REPORT TO Teraphase Engineering
COMPANY vanya.keyes@teraphase.com
ADDRESS 2606 N Central Ave,
Compton, CA 90222
EMAX PM

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaO3
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: Lead (6010) | STLC leaching process | TCLP leaching process

TAT
- [x] Rush __24__hrs.
- [ ] Rush __48_hrs
- [ ] Rush_72_hrs
- [ ] 7 days
- [ ] 14 days
- [ ] 21 days

	SAMPLE ID		SAMPLING			CONTAINER			MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
LAB	CLIENT		LOCATION	DATE	TIME	NO.	SIZE	TYPE				
* 1	Stockpile - Pb		LA	9/21/26	1215	2	402	jar	SS		X X X	hold leachate analysis pending lead results but start leachate process immediately
* 2												
* 3												
* 4												
* 5												
* 6												
* 7												
* 8												
* 9												
10												

Instructions: send report to clare.steedman@teraphase.com as well

Cooler #	Temp. (°C)	Sample #s
1	5.8	

SAMPLER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
	9/21/26	12:30	
	9/21/26	1330	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

REFERENCE: EMAX-SM02 Rev. 12

SAMPLE RECEIPT FORM 1

Type of Delivery	Airbill / Tracking Number	ECN 26-1028
☐ Fedex ☐ UPS ☐ GSO ☑ Others	All Around	Recipient Cecilia
☐ EMAX Courier ☐ Client Delivery		Date 9/21/26 Time 13:50

COC INSPECTION

☑ Client Name	☐ Client PM/FC	☑ Sampler Name	☐ Sampling Date/Time	☑ Sample ID	☐ Matrix
☑ Address	☐ Tel # / Fax #	☑ Courier Signature	☑ Analysis Required	☐ Preservative (if any)	☐ TAT
Safety Issues (if any)	☐ High concentrations expected	☐ From Superfund Site	☐ Rad screening required		

Note: _____

PACKAGING INSPECTION

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ _____
Temperatures (Cool, ≤6 °C but not frozen)	☐ Cooler 1 5.8 °C	☐ Cooler 2 _____ °C	☐ Cooler 3 _____ °C	☐ Cooler 4 _____ °C	☐ Cooler 5 _____ °C
	☐ Cooler 6 _____ °C	☐ Cooler 7 _____ °C	☑ Cooler 8 _____ °C	☐ Cooler 9 _____ °C	☐ Cooler 10 _____ °C
Thermometer:	*A - S/N* 250038455	*B - S/N* 250014329	*C - S/N* 250123775	*D - S/N* 230044057	

Comments: ☐ Temperature is out of range. PM was informed IMMEDIATELY.

Note: _____

DISCREPANCIES

LabSampleID	LabSampleContainerID	Code	ClientSample Label ID / Information	Corrective Action
1, 2	1, 2	D1		R1

9/21/26 NB 9/21/26

☐ pH holding time requirement for water samples is 15 mins. Water samples for pH analysis are received beyond 15 minutes from sampling time.

NOTES/OBSERVATIONS: Volume for SVOC/TCLP may be limited- received 2-4oz jars

SAMPLE MATRIX IS DRINKING WATER? ☐ YES ☐ NO

☐ Continue to next page.

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Sample Management
(D1)	Analysis is not indicated in label	D13	Out of Holding Time	R1	Proceed as indicated in ☒ COC ☐ Label
D2	Analysis mismatch COC vs label	D14	Bubble is >6mm	R2	Refer to attached instruction
D3	Sample ID mismatch COC vs label	D15	No trip blank in cooler	R3	Cancel the analysis
D4	Sample ID is not indicated in _____	D16	Preservation not indicated in _____	R4	Use vial with smallest bubble first
D5	Container -[improper] [leaking] [broken]	D17	Preservation mismatch COC vs label	R5	Log-in with latest sampling date and time+1 min
D6	Date/Time is not indicated in _____	D18	Insufficient chemical preservative	R6	Adjust pH as necessary
D7	Date/Time mismatch COC vs label	D19	Insufficient Sample	R7	Filter and preserved as necessary
D8	Sample listed in COC is not received	D20	No filtration info for dissolved analysis	R8	_____
D9	Sample received is not listed in COC	D21	No sample for moisture determination	R9	_____
D10	No initial/date on corrections in COC/label	D22	_____	R10	_____
D11	Container count mismatch COC vs received	D23	_____	R11	_____
D12	Container size mismatch COC vs received	D24	_____	R12	_____

REVIEWS:

Sample Labeling Maria Rivera Date 09/21/26 9/21/26

SRF Date 9/21/26

PM Date 9/21/26

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range or estimated value.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

RLABORATORY REPORT FOR

TERRAPHASE ENGINEERING

CENTENNIAL HS REMEDIATION

LEAD

SDG#: 26I028

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I028

METHOD WET/3010A/6010B
STLC LEAD BY TRACE ICP

One(1) soil sample was received on 09/21/26 to be analyzed for STLC Lead by Trace ICP in accordance with Method WET/3010A/6010B and project specific requirements.

Holding Time
The sample was digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, two(2) method blanks were analyzed. IPI014WB and WTI001SB were compliant to project requirement. Refer to sample result summary forms for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPI014WL/IPI014WC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Lead was within MS/MSD QC limits in I028-01M/I028-01S. Refer to Matrix QC summary form for details.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE
STLC LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION

SDG NO. : 26I028
Instrument ID : ID8

LEACHATE

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	IPI014WB	1.000	NA	09/24/2610:37	09/23/2616:00	ID8I015020	ID8I015018	IPI014W	Method Blank
LCS1W	IPI014WL	1.000	NA	09/24/2610:43	09/23/2616:00	ID8I015021	ID8I015018	IPI014W	Lab Control Sample (LCS)
LCD1W	IPI014WC	1.000	NA	09/24/2610:48	09/23/2616:00	ID8I015022	ID8I015018	IPI014W	LCS Duplicate
MBLK2W	WTI001SB	5.000	NA	09/24/2610:53	09/23/2616:00	ID8I015023	ID8I015018	IPI014W	Method Blank
STOCKPILE-PB	I028-01	1.000	NA	09/24/2611:17	09/23/2616:00	ID8I015025	ID8I015018	IPI014W	Field Sample
STOCKPILE-PBMS	I028-01M	1.000	NA	09/24/2611:31	09/23/2616:00	ID8I015027	ID8I015018	IPI014W	Matrix Spike Sample (MS)
STOCKPILE-PBMSD	I028-01S	1.000	NA	09/24/2611:40	09/23/2616:00	ID8I015028	ID8I015018	IPI014W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD WET/3010A/6010B
STLC LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/21/26 12:15
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/21/26
SDG NO.	: 26I028	Date Extracted:	09/23/26 16:00
Sample ID:	STOCKPILE-PB	Date Analyzed:	09/24/26 11:17
Lab Samp ID:	I028-01	Dilution Factor:	1
Lab File ID:	ID8I015025	Matrix:	LEACHATE
Ext Btch ID:	IPI014W	% Moisture:	NA
Calib. Ref.:	ID8I015018	Instrument ID:	D8

PARAMETERS	Result (mg/L)	RL (mg/L)	MDL (mg/L)
Lead	0.697	0.500	0.250

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1ml	Final Volume:	50ml
Prepared by	: JChun	Analyzed by:	JChun
DateTime Leached:	09/21/26 14:45		

METHOD WET/3010A/6010B
STLC LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I028	Date Extracted:	09/23/26 16:00
Sample ID:	MBLK1W	Date Analyzed:	09/24/26 10:37
Lab Samp ID:	IPI014WB	Dilution Factor:	1
Lab File ID:	ID8I015020	Matrix:	WATER
Ext Btch ID:	IPI014W	% Moisture:	NA
Calib. Ref.:	ID8I015018	Instrument ID:	D8

PARAMETERS	Result (mg/L)	RL (mg/L)	MDL (mg/L)
Lead	ND	0.0100	0.00500

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 50ml	Final Volume:	50ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : WET/3010A/6010B

MATRIX	: WATER		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1W	LCS1W	LCD1W
LAB SAMPLE ID	: IPI014WB	IPI014WL	IPI014WC
LAB FILE ID	: ID8I015020	ID8I015021	ID8I015022
DATE PREPARED	: 09/23/26 16:00	09/23/26 16:00	09/23/26 16:00
DATE ANALYZED	: 09/24/26 10:37	09/24/26 10:43	09/24/26 10:48
PREP BATCH	: IPI014W	IPI014W	IPI014W
CALIBRATION REF	: ID8I015018	ID8I015018	ID8I015018

ACCESSION:

PARAMETERS	MBResult (mg/L)	SpikeAmt (mg/L)	LCSResult (mg/L)	LCSRec (%)	SpikeAmt (mg/L)	LCDResult (mg/L)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	0.5	0.493	99	0.5	0.486	97	1	80-120	20

METHOD WET/3010A/6010B
STLC LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I028	Date Extracted:	09/23/26 16:00
Sample ID:	MBLK2W	Date Analyzed:	09/24/26 10:53
Lab Samp ID:	WTI001SB	Dilution Factor:	5
Lab File ID:	ID8I015023	Matrix:	LEACHATE
Ext Btch ID:	IPI014W	% Moisture:	NA
Calib. Ref.:	ID8I015018	Instrument ID:	D8

PARAMETERS	Result (mg/L)	RL (mg/L)	MDL (mg/L)
Lead	ND	0.250	0.125

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 10ml	Final Volume:	50ml
Prepared by	: JChun	Analyzed by:	JChun
DateTime Leached:	09/21/26 14:45		

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : WET/3010A/6010B

MATRIX	: LEACHATE		% MOISTURE: NA
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: STOCKPILE-PB	STOCKPILE-PBMS	STOCKPILE-PBMSD
LAB SAMPLE ID	: I028-01	I028-01M	I028-01S
LAB FILE ID	: ID8I015025	ID8I015027	ID8I015028
DATE PREPARED	: 09/23/26 16:00	09/23/26 16:00	09/23/26 16:00
DATE ANALYZED	: 09/24/26 11:17	09/24/26 11:31	09/24/26 11:40
PREP BATCH	: IPI014W	IPI014W	IPI014W
CALIBRATION REF	: ID8I015018	ID8I015018	ID8I015018

ACCESSION:

PARAMETERS	PSResult (mg/L)	SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	0.697	25	25.1	98	25	25.0	97	0	75-125	20

PSResult - Parent Sample Result

CASE NARRATIVE

Client : TERRAPHASE ENGINEERING

Project: CENTENNIAL HS REMEDIATION

SDG : 26I028

METHOD SW3050B/6010B
LEAD BY TRACE ICP

One(1) soil sample was received on 09/21/26 to be analyzed for Lead by Trace ICP in accordance with Method SW3050B/6010B and project specific requirements.

Holding Time
The sample was digested and analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source(ICV). Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were satisfied.

Method Blank
Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. IPI013SB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample
Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. IPIC13SL/IPI013SC were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample
Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed and the following was noted: I028-01M/I028-01S - Percent recovery for Lead was not within MS QC limit. Presence of matrix interference was suspected. Analytical spike and serial dilution were analyzed and evaluated as appropriate. Results were within expected values. Refer to Matrix QC summary form for details.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met with the exception of those that were discussed within the associated QC parameter.

LAB CHRONICLE
LEAD BY TRACE ICP

Client : TERRAPHASE ENGINEERING
Project : CENTENNIAL HS REMEDIATION
SDG NO. : 26I028
Instrument ID : ID8

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	IPI013SB	1.000	NA	09/22/2611:48	09/21/2613:54	ID8I013020	ID8I013018	IPI013S	Method Blank
LCS1S	IPI013SL	1.000	NA	09/22/2611:53	09/21/2613:54	ID8I013021	ID8I013018	IPI013S	Lab Control Sample (LCS)
LCD1S	IPI013SC	1.000	NA	09/22/2611:58	09/21/2613:54	ID8I013022	ID8I013018	IPI013S	LCS Duplicate
STOCKPILE-PB	I028-01A	1.000	8.2	09/22/2612:04	09/21/2613:54	ID8I013023	ID8I013018	IPI013S	Analytical Spike Sample
STOCKPILE-PB	I028-01	1.000	8.2	09/22/2612:09	09/21/2613:54	ID8I013024	ID8I013018	IPI013S	Field Sample
STOCKPILE-PB	I028-01J	5.000	8.2	09/22/2612:14	09/21/2613:54	ID8I013025	ID8I013018	IPI013S	Diluted Sample
STOCKPILE-PBMS	I028-01M	1.000	8.2	09/22/2612:19	09/21/2613:54	ID8I013026	ID8I013018	IPI013S	Matrix Spike Sample (MS)
STOCKPILE-PBMSD	I028-01S	1.000	8.2	09/22/2612:24	09/21/2613:54	ID8I013027	ID8I013018	IPI013S	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	09/21/26 12:15
Project	: CENTENNIAL HS REMEDIATION	Date Received:	09/21/26
SDG NO.	: 26I028	Date Extracted:	09/21/26 13:54
Sample ID:	STOCKPILE-PB	Date Analyzed:	09/22/26 12:09
Lab Samp ID:	I028-01	Dilution Factor:	1
Lab File ID:	ID8I013024	Matrix:	SOIL
Ext Btch ID:	IPI013S	% Moisture:	8.2
Calib. Ref.:	ID8I013018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	55.8	1.07	0.320

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1.02g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

METHOD SW3050B/6010B
LEAD BY TRACE ICP

Client	: TERRAPHASE ENGINEERING	Date Collected:	NA
Project	: CENTENNIAL HS REMEDIATION	Date Received:	NA
SDG NO.	: 26I028	Date Extracted:	09/21/26 13:54
Sample ID:	MBLK1S	Date Analyzed:	09/22/26 11:48
Lab Samp ID:	IPI013SB	Dilution Factor:	1
Lab File ID:	ID8I013020	Matrix:	SOIL
Ext Btch ID:	IPI013S	% Moisture:	NA
Calib. Ref.:	ID8I013018	Instrument ID:	D8

PARAMETERS	Result (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Lead	ND	1.00	0.300

Note: Detection limits are reported relative to sample result significant figures.

Sample Amount	: 1g	Final Volume:	100ml
Prepared by	: JChun	Analyzed by:	JChun

EMAX QUALITY CONTROL DATA
LAB CONTROL SAMPLE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE:NA
DILUTION FACTOR	: 1.000	1.000	1.000
SAMPLE ID	: MBLK1S	LCS1S	LCD1S
LAB SAMPLE ID	: IPI013SB	IPI013SL	IPI013SC
LAB FILE ID	: ID8I013020	ID8I013021	ID8I013022
DATE PREPARED	: 09/21/26 13:54	09/21/26 13:54	09/21/26 13:54
DATE ANALYZED	: 09/22/26 11:48	09/22/26 11:53	09/22/26 11:58
PREP BATCH	: IPI013S	IPI013S	IPI013S
CALIBRATION REF	: ID8I013018	ID8I013018	ID8I013018

ACCESSION:

PARAMETERS	MBResult (mg/kg)	SpikeAmt (mg/kg)	LCSResult (mg/kg)	LCSRec (%)	SpikeAmt (mg/kg)	LCDResult (mg/kg)	LCDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	ND	50	50.0	100	50	49.2	98	2	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : SW3050B/6010B

MATRIX	: SOIL		% MOISTURE: 8.2
DILUTION FACTOR	: 1	1	1
SAMPLE ID	: STOCKPILE-PB	STOCKPILE-PBMS	STOCKPILE-PBMSD
LAB SAMPLE ID	: I028-01	I028-01M	I028-01S
LAB FILE ID	: ID8I013024	ID8I013026	ID8I013027
DATE PREPARED	: 09/21/26 13:54	09/21/26 13:54	09/21/26 13:54
DATE ANALYZED	: 09/22/26 12:09	09/22/26 12:19	09/22/26 12:24
PREP BATCH	: IPI013S	IPI013S	IPI013S
CALIBRATION REF	: ID8I013018	ID8I013018	ID8I013018

ACCESSION:

PARAMETERS	PSResult (mg/kg)	SpikeAmt (mg/kg)	MSResult (mg/kg)	MSRec (%)	SpikeAmt (mg/kg)	MSDResult (mg/kg)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Lead	55.8	52.9	88.3	61*	53.4	95.7	75	8	75-125	20

PSResult - Parent Sample Result
* Out of QC limit

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 8.2
DILUTION FACTOR	: 1	1
SAMPLE ID	: STOCKPILE-PB	STOCKPILE-PB
LAB SAMPLE ID	: I028-01	I028-01A
LAB FILE ID	: ID8I013024	ID8I013023
DATE PREPARED	: 09/21/26 13:54	09/21/26 13:54
DATE ANALYZED	: 09/22/26 12:09	09/22/26 12:04
PREP BATCH	: IPI013S	IPI013S
CALIBRATION REF	: ID8I013018	ID8I013018

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	Spike Amt (mg/kg)	AS Result (mg/kg)	AS Rec (%)	QC Limit (%)
Lead	55.8	53.4	110	102	75-125

AS - Analytical Spike

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT : TERRAPHASE ENGINEERING
PROJECT : CENTENNIAL HS REMEDIATION
BATCH NO. : 26I028
METHOD : SW3050B/6010B

MATRIX	: SOIL	% MOISTURE: 8.2
DILUTION FACTOR:	1	5
SAMPLE ID	: STOCKPILE-PB	STOCKPILE-PB
LAB SAMPLE ID	: I028-01	I028-01J
LAB FILE ID	: ID8I013024	ID8I013025
DATE PREPARED	: 09/21/26 13:54	09/21/26 13:54
DATE ANALYZED	: 09/22/26 12:09	09/22/26 12:14
PREP BATCH	: IPI013S	IPI013S
CALIBRATION REF:	ID8I013018	ID8I013018

ACCESSION:

PARAMETERS	Sample Result (mg/kg)	SD Result (mg/kg)	%Difference (%)	Max %D (%)
Lead	55.8	53.8	4	10

SD - Serial Dilution

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Appendix C

PM10 Dust Monitoring Logs

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu / Carlos Velasquez	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/14/26	0	W	900	0.017	900	0.022	0.005			Owen Cheu / Carlos Velasquez
9/14/26	0	WSW	910	0.009	910	0.022	0.013			Owen Cheu / Carlos Velasquez
9/14/26	0	SW	920	0.016	920	0.025	0.009			Owen Cheu / Carlos Velasquez
9/14/26	0	NW	930	0.016	930	0.026	0.010			Owen Cheu / Carlos Velasquez
9/14/26	0	NNW	940	0.020	940	0.019	0.001			Owen Cheu / Carlos Velasquez
9/14/26	0	NW	950	0.016	950	0.020	0.004			Owen Cheu / Carlos Velasquez
9/14/26	1	W	1000	0.015	1000	0.020	0.005			Owen Cheu / Carlos Velasquez
9/14/26	1	W	1010	0.015	1010	0.021	0.006			Owen Cheu / Carlos Velasquez
9/14/26	1	NNE	1020	0.017	1020	0.021	0.004			Owen Cheu / Carlos Velasquez
9/14/26	0	WNW	1030	0.022	1030	0.022	0.00			Owen Cheu / Carlos Velasquez
9/14/26	0	WNW	1040	0.023	1040	0.023	0.00			Owen Cheu / Carlos Velasquez

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu / Carlos Velasquez	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/14/26	0		1050	0.017	1050	0.022	0.005			Owen Cheu / Carlos Velasquez
9/14/26	2	SSE	1100	0.017	1100	0.023	0.006	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1110	0.015	1110	0.023	0.008	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1120	0.015	1120	0.024	0.009	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1130	0.015	1130	0.024	0.009	0.005		Owen Cheu / Carlos Velasquez
9/14/26	1	NE	1140	0.017	1140	0.024	0.007	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1150	0.018	1150	0.024	0.006	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1200	0.019	1200	0.026	0.007	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1210	0.020	1210	0.026	0.006	0.005		Owen Cheu / Carlos Velasquez
9/14/26	0		1220	0.020	1220	0.025	0.005	0.005		Owen Cheu / Carlos Velasquez
9/14/26	1	S	1230	0.020	1230	0.025	0.005	0.005		Owen Cheu / Carlos Velasquez

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu / Carlos Velasquez	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m^3)*		*Downwind (µg/m^3)*		Delta (µg/m^3)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/14/26	1	SE	1240	0.021	1240	0.026	0.005	0.005		Owen Cheu / Carlos Velasquez
9/14/26	2	SSE	1250	0.020	1250	0.026	0.006	0.005		Owen Cheu / Carlos Velasquez
9/14/26	1	SSW	1300	0.016	1300	0.026	0.010	0.005		Owen Cheu / Carlos Velasquez
9/14/26	1	SW	1310	0.015	1310	0.027	0.012	0.006		Owen Cheu / Carlos Velasquez
9/14/26	0		1320	0.015	1320	0.029	0.009	0.006		Owen Cheu / Carlos Velasquez
9/14/26	0		1330	0.019	1330	0.027	0.008	0.006		Owen Cheu / Carlos Velasquez
9/14/26	0		1340	0.022	1340	0.025	0.003	0.006		Owen Cheu / Carlos Velasquez
9/14/26	1	SW	1350	0.021	1350	0.025	0.004	0.005		Owen Cheu / Carlos Velasquez
9/14/26	2	SW	1400	0.023	1400	0.026	0.003	0.005		Owen Cheu / Carlos Velasquez
9/14/26	1	S	1410	0.023	1410	0.023	0	0.005		Owen Cheu / Carlos Velasquez
9/14/26	4	SSW	1420	0.021	1420	0.023	0.002	0.005		Owen Cheu / Carlos Velasquez

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu / Carlos Velasquez	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m^3)*		*Downwind (µg/m^3)*		Delta (µg/m^3)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/14/26	2	SE	1430	0.021	1430	0.023	0.002	0.005		Owen Cheu / Carlos Velasquez
9/14/26	2	SE	1440	0.024	1440	0.024	0	0.004		Owen Cheu / Carlos Velasquez
9/14/26	1	S	1450	0.024	1450	0.023	0.001	0.004		Owen Cheu / Carlos Velasquez
9/14/26	2	S	1500	0.024	1500	0.025	0.001	0.004		Owen Cheu / Carlos Velasquez

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
			Site SB40
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/15/26	~2.0	ESE 121°	07:49	**26**	07:49	**120**	**+94**			
9/15/26	1.8	SE 140°	08:08	**26**	08:08	**110**	**+84**			
9/15/26	2.5	SE 126°	08:28	**27**	08:28	**102**	**+75**			
9/15/26	0.0	ESE 123°	09:12	**17**	09:13	**114**	**+97**			
9/15/26	0.9	ESE 123°	09:24	**33**	09:23	**64**	**+31**			
9/15/26	3.8	E 083°	10:28	**29**	10:28	**40**	**+11**			
9/15/26		E	10:44	**34**	10:44	**49**	**+15**			
9/15/26	1.6	NNE	10:55	**25**	10:55	**31**	**+6**			
9/15/26	1.0	E	11:05	**20**	11:05	**23**	**+3**			
9/15/26		ENE	11:15	**18**	11:15	**32**	**+14**		Pipe exposed; no markings prior to digging.	
9/15/26	2.9	ENE	11:30	**17**	11:30	**18**	**+1**			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
			SB24
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/16/26	0.0	SE 164°	07:50	**3**	07:50	**18**	**+15**			
9/16/26	1.8	SE 078°	08:00	**15**	08:00	**27**	**+12**			
9/16/26	0.8	SE 078°	08:10	**12**	08:10	**28**	**+16**			
9/16/26	0.9	S	08:20	**24**	08:20	**45**	**+21**			
9/16/26	1.4	NE	08:30	**23**	08:30	**38**	**+15**			
9/16/26	1.0	NE 045°	08:40	**5**	08:40	**16**	**+11**			
9/16/26	2.0	SE	08:50	**15**	08:50	**27**	**+12**			
9/16/26	1.6	NNW	09:00	**27**	09:00	**35**	**+8**		Dirt being moved to stockpile.	
9/16/26	0.0	S	09:10	**24**	09:10	**45**	**+21**			
9/16/26	1.5	SE	09:20	**17**	09:20	**36**	**+19**			
9/16/26	1.8	SE 078°	09:30	**27**	09:30	**48**	**+21**			
9/16/26	2.0	SE	09:40	**18**	09:40	**35**	**+17**			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Conversion basis: reported decimals in mg/m³ x 1,000 = µg/m³ (verify monitor units). Delta = downwind - upwind.
2 HR Avg pending start time / averaging basis. Wind labels and degrees retained as reported; confirm SE 164° and SE 078°.

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
			SB24
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/16/26	0.9	SE	09:50	**12**	09:50	**28**	**+16**			
9/16/26	0.0	S	10:00	**28**	10:00	**59**	**+31**			
9/16/26	3.2	SSE 162°	10:10	**22**	10:10	**38**	**+16**		End of excavation.	

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Conversion basis: reported decimals in mg/m³ x 1,000 = µg/m³ (verify monitor units). Delta = downwind - upwind.
2 HR Avg pending start time / averaging basis. Wind labels and degrees retained as reported; confirm SE 164° and SE 078°.

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location
		Site SB23

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address

Date	Wind (mph)		Upwind (µ g/m ^{3})		Downwind (µg/m ^{3})		Delta (µg/m^3)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
09/16/2026	0.9	W	11:10	14	11:10	25	**+11**			
09/16/2026	1.8	W	11:20	15	11:20	35	**+20**			
09/16/2026	2.0	WSW	11:30	15	11:30	28	**+13**			
09/16/2026	0.8	S	11:40	11	11:40	32	**+21**		Lunch break taken.	
09/16/2026	1.5	SE	12:10	14	12:10	27	**+13**		Lunch break over; excavation started.	
09/16/2026	1.5	SE	12:20	18	12:20	22	**+4**			
09/16/2026	0.9	S	12:30	11	12:30	25	**+14**			
09/16/2026	1.7	SE	12:40	25	12:40	39	**+14**			
09/16/2026	0.4	SE	12:50	18	12:50	29	**+11**			
09/16/2026	1.3	SE	13:00	18	13:00	28	**+10**			
09/16/2026	1.7	SE	13:10	26	13:10	28	**+2**			
09/16/2026	1.9	SE	13:20	15	13:20	28	**+13**			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location
		Site SB23

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address

Date	*Wind (mph)*		*Upwind (µ g/m ^{3})*		*Downwind (µg/m ^{3})*		Delta (µg/m^3)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
09/16/2026	0.8	SE	13:30	28	13:30	35	**+7**			
09/16/2026	0.9	SE	13:40	24	13:40	29	**+5**			
09/16/2026	2.3	SE	13:50	18	13:50	32	**+14**			
09/16/2026	2.1	ESE	14:00	17	14:00	35	**+18**		Excavation finished; moving on to different site.	

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

September 17, 2026 | Through 09:10

Conversion basis: reported decimals treated as mg/m³ x 1,000 = µg/m³, as in the prior log (verify monitor units).

Notice Number	Project Name		Project Location
			Site SB44
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind (µ g/m³)		Downwind (µg/m³)		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
09/17/2026	1.8	SE	07:30	15	07:30	18	**+3**			
09/17/2026	0.9	SE	07:40	13	07:40	17	**+4**			
09/17/2026	0.0	SE	07:50	13	07:50	26	**+13**			
09/17/2026	1.1	SE	08:00	10	08:00	17	**+7**			
09/17/2026	1.3	SSE 151°	08:10	15	08:10	26	**+11**			
09/17/2026	0.8	SSE 150°	08:20	13	08:20	26	**+13**			
09/17/2026	0.8	SSE 151°	08:30	10	08:30	11	**+1**			
09/17/2026	1.9	SSE 151°	08:40	14	08:40	36	**+22**			
09/17/2026	2.4	WSW 258°	08:50	13	08:50	20	**+7**			
09/17/2026	1.8	WSW	09:00	10	09:00	14	**+4**			
09/17/2026	1.8	WSW	09:10	14	09:10	26	**+12**			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Delta = downwind - upwind. 2 HR Avg left blank; supplied readings cover 07:30-09:10 (1 h 40 min).

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

WORKING COPY | September 17, 2026 | 22:00-23:30 (10:00-11:30 p.m.)

Provisional transcription at 22:40 and 23:10; see row comments.

Notice Number	Project Name		Project Location
			Site SB46
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**

Date	Wind (mph)		Upwind (µ g/m³)		Downwind (µg/m³)		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
09/17/26	1.7	SSW 199°	22:00	12	22:00	14	**+2**			
09/17/26	0.0	SSW 204°	22:10	13	22:10	14	**+1**			
09/17/26	1.8	SSW 204°	22:20	12	22:20	18	**+6**			
09/17/26	1.8	SE	22:30	15	22:30	18	**+3**			
09/17/26	0.9	SE	22:40	17	22:40	28	**+11**		Transcription check: upwind read as 0.017	
09/17/26	0.0	SE	22:50	13	22:50	26	**+13**			
09/17/26	1.1	SE	23:00	10	23:00	24	**+14**			
09/17/26	1.9	SSE 150°	23:10	13	23:10	26	**+13**		Transcription check: U 0.013 / D 0.026	
09/17/26	1.8	SE	23:20	15	23:20	25	**+10**			
09/17/26	1.8	SSW	23:30	15	23:30	25	**+10**			

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Conversion: supplied decimals x 1.000 = µg/m³ (same basis as SB44). Delta = downwind - upwind.

2 HR Avg not calculated; supplied readings span 1 h 30 min.

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m^3)*		*Downwind (µg/m^3)*		Delta (µg/m^3)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/18/26	0		720	0.030	720	0.028	0.002			Owen Cheu
9/18/26	0		730	0.028	730	0.033	0.005			Owen Cheu
9/18/26	0		740	0.028	740	0.032	0.004			Owen Cheu
9/18/26	1	NE	750	0.027	750	0.030	0.003			Owen Cheu
9/18/26	1	NE	800	0.025	800	0.027	0.002			Owen Cheu
9/18/26	2	NE	810	0.026	810	0.026	0			Owen Cheu
9/18/26	1	NNE	820	0.027	820	0.027	0			Owen Cheu
9/18/26	0		830	0.024	830	0.025	0.001			Owen Cheu
9/18/26	2	NW	840	0.023	840	0.022	0.001			Owen Cheu
9/18/26	2	NW	850	0.023	850	0.029	0.006			Owen Cheu
9/18/26	1	W	900	0.022	900	0.020	0.002			Owen Cheu

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/18/26	2	NE	910	0.016	910	0.020	0.004			Owen Cheu
9/18/26	0		920	0.015	920	0.017	0.002	0.003		Owen Cheu
9/18/26	0		930	0.016	930	0.017	0.001	0.003		Owen Cheu
9/18/26	2	SSW	940	0.015	940	0.016	0.001	0.002		Owen Cheu
9/18/26	2	SSW	950	0.015	950	0.017	0.002	0.002		Owen Cheu
9/18/26	2	S	1000	0.015	1000	0.017	0.002	0.002		Owen Cheu
9/18/26	3	S	1010	0.018	1010	0.021	0.003	0.002		Owen Cheu
9/18/26	2	S	1020	0.016	1020	0.018	0.002	0.002		Owen Cheu
9/18/26	2	SW	1030	0.018	1030	0.018	0	0.002		Owen Cheu
9/18/26	2	SW	1040	0.015	1040	0.019	0.004	0.002		Owen Cheu
9/18/26	0		1050	0.014	1050	0.020	0.006	0.003		Owen Cheu

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/18/26	2	SW	1100	0.021	1100	0.021	0	0.003		Owen Cheu
9/18/26	2	SW	1110	0.015	1110	0.023	0.008	0.003		Owen Cheu
9/18/26	2	SSW	1120	0.015	1120	0.022	0.007	0.003		Owen Cheu
9/18/26	3	SW	1130	0.015	1130	0.022	0.007	0.004		Owen Cheu
9/18/26	6	E	1140	0.016	1140	0.023	0.007	0.004		Owen Cheu
9/18/26	2	SE	1150	0.014	1150	0.023	0.009	0.005		Owen Cheu
9/18/26	1	SW	1200	0.015	1200	0.025	0.010	0.005		Owen Cheu
9/18/26	2	W	1210	0.017	1210	0.026	0.009	0.006		Owen Cheu
9/18/26	2	SSW	1220	0.015	1220	0.025	0.010	0.007		Owen Cheu
9/18/26	2	SW	1230	0.015	1230	0.025	0.010	0.007		Owen Cheu
9/18/26	1	W	1240	0.015	1240	0.026	0.011	0.008		Owen Cheu

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centennial HS Remedial Excavation		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Owen Cheu	SC2407-014039-15666	949-377-2227	owen.cheu@terraphase.com

Date	*Wind (mph)*		*Upwind (µ g/m³)*		*Downwind (µg/m³)*		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
EXAMPLE: 7/13/2018	*6*	*SW*	*14:10*	*0.005*	*14:10*	*0.027*	*0.022*	*0.126*	*Excavation*	*Joe Smith*
9/18/26	1	SW	1250	0.015	1250	0.025	0.010	0.009		Owen Cheu
9/18/26	0		1300	0.015	1300	0.026	0.011	0.009		Owen Cheu
9/18/26	0		1310	0.017	1310	0.026	0.009	0.010		Owen Cheu
9/18/26	2	S	1320	0.015	1320	0.024	0.009	0.010		Owen Cheu
9/18/26	2	S	1330	0.015	1330	0.023	0.008	0.010		Owen Cheu
9/18/26	2	SW	1340	0.015	1340	0.023	0.008	0.010		Owen Cheu
9/18/26	4	SW	1350	0.014	1350	0.021	0.007	0.010		Owen Cheu
9/18/26	3	W	1400	0.014	1400	0.019	0.005	0.010		Owen Cheu
9/18/26	1	S	1410	0.010	1410	0.017	0.007	0.010		Owen Cheu
9/18/26	2	S	1420	0.013	1420	0.017	0.004	0.009		Owen Cheu
9/18/26	3	S	1430	0.011	1430	0.016	0.005	0.009		Owen Cheu

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
—	Centennial HS		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
M. Garcia	—	949-377-2227	—

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/21/26	0.0	SE	0700	18	0700	18	0	/	—	MG
	0.0	SW	0730	18	0730	18	0	/	—	MG
	1.6	W	0800	13	0800	13	0	/	—	MG
	1.4	W	0830	13	0830	13	0	/	—	
	1.3	SW	0900	12	0900	13	1	3.2	—	
	1.7	W	0930	13	0930	13	0	4.2	—	
	1.5	W	1000	18	1000	14	4	0.2	—	
	1.2	W	1030	15	1030	14	1	0.5	—	
	1.4	SW	1100	15	1100	19	4	4.4	—	
	1.6	W	1130	17	1130	13	4	3.4	—	
	2.2	S	1200	16	1200	12	4	2.8	—	
9/21/26	3.0	S	1230	19	1230	13	6	2.6	—	MG

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

AQMD

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location
—	Centennial HS	Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
M. Garcia	—	949-277-3337	—

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/21/26	3.3	S	1300	20	1300	12	8	1.6	—	MG
↓	1.2	SW	1330	22	1330	12	10	5.8	—	↓
↓	1.6	S	1400	23	1400	11	12	7	—	↓
9/21/26	1.4	S	1430	21	1430	11	10	8	—	MG
								7.4	—	
						MG				

*Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Delta = Abs(Downwind conc − upwind conc)

2 Hr Avg = (Max of last 5 Downwind) − (Average of last 5 upwind)

South Coast AQMD

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centenial HS		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Jackson Long	—		Jackson.long@terraphase.com

Dust #1 Dust #2

Date 2026	Wind (mph) Speed	Wind (mph) Direction (from)	Upwind (µg/m³) Time*	Upwind (µg/m³) Conc.	Downwind (µg/m³) Time*	Downwind (µg/m³) Conc.	Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
9/22	0.0 mph ~~Calm~~ SL	NW	0700	31	0700	35	4		Set up near SB-04 —	JL
9/22/2026	0.0	NW	0730	30	0730	33	3		—	
	0.0	NW	0800	34	0800	33	1		—	
	0.0	NW	0830	37	0830	39	2		—	
	0.0	NW	0900	26	0900	26	0	7.4	—	
	0.0	NW	0930	17	0930	15	2	10.2	—	
	0.0	NW	1000	16	1000	13	3	13.0	—	
	1.2	W	1030	20	1030	17	3	15.8	—	
	0.0	W	1100	25	1100	20	5	5.2	—	
	1.5	SW	1130	30	1130	23	7	1.4	—	
	2.4	SW	1200	29	1200	19	10	-1.0	—	
	3.6	SSW	1230	30	1230	18	12	-3.8	moved monitors to account for wind direction change and moving stockpiles	

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

South Coast AQMD

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
	Centenial HS		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Jackson Long	—		jackson.long@terraphase.com

Date	Wind (mph)		Dust #1 Upwind ($\mu g/m^3$)		Dust #2 Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/22/26	3.9	SSW	1300	29	1300	17	12	-5.6	—	JL
↓	6.7	SSW	1330	26	1330	16	10	-5.8	—	
	8.1	SSW	1400	22	1400	15	7	-8.2	—	
	5.9	SSW	1430	20	1430	14	6	-7.4	—	

JL

*Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

2 hr Avg = Max (Last 5 downwind) − Avg (Last 5 upwind)

Notice Number	Project Name		Project Location
—	Centennial HS		Compton CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Jackson Long	—		Jackson.long@terraphase.com

Date	Wind (mph)		Upwind (µg/m³) Dust #1		Downwind (µg/m³) Dust #2		Delta (µg/m³)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/23/2026	0.0	SW	0700	22	0700	20	2	/	—	JL
	0.0	SW	0730	22	0730	24	2	/	—	
	0.0	SW	0800	33	0800	35	2	/	—	
	0.0	SW	0830	34	0830	38	4	/	—	
	0.0	SW	0900	32	0900	37	5	3.2	—	
	0.4	SW	0930	34	0930	37	3	7.0	—	
	0.0	SW	1000	32	1000	27	5	5.0	—	
	3.0	SW	1030	33	1030	32	1	5.0	—	
	3.2	SW	1100	29	1100	27	2	5.0	—	
	2.8	SW	1130	28	1130	22	6	5.8	—	
	4.5	SW	1200	24	1200	16	8	2.8	—	
	5.4	SW	1230	21	1230	11	10	5.0	—	

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
–	Centennial HS		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
Jackson Long	–		jackson.long@terraphase.com

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/23/26	7.1	SW	1300	20	1300	10	10	2.6	–	JL
↓	7.8	SW	1330	19	1330	9	10	-0.4	–	↓
	8.1	SW	1400	19	1400	10	9	-4.6	–	
	7.8	SW	1430	18	1430	9	9	-8.4	–	
					JL					

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

2 hr Avg = Max (last 5 Downwind) - Avg (last 5 Upwind)

Notice Number	Project Name	Project Location
—	Centennial HS	Compton, CA

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address
Jackson Long	—		Jackson.long@terraphase.com

Dust #1 Dust #2

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/24/26	0.0	SW	0700	55	0700	52	3	—	—	JL
	0.0	SW	0730	52	0730	47	5	—	—	
	0.7	SW	0800	49	0800	47	2	—	—	
	1.1	SW	0830	51	0830	49	2	—	—	
	0.0	SW	0900	58	0900	56	2	3.0	—	
	0.8	SW	0930	57	0930	56	1	2.6	—	
	0.0	SW	1000	59	1000	60	1	5.2	—	
	1.0	SW	1030	57	1030	60	3	3.6	—	
	1.4	SW	1100	60	1100	59	1	1.8	—	
	1.2	SW	1130	58	1130	54	4	1.8	—	
	1.4	SW	1200	55	1200	52	3	2.2	—	
	1.8	SW	1230	55	1230	49	6	3.0	—	

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location
–	Centennial HS	Compton CA

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address
Jackson Long	–		jackson.long@kennaplex.com

Dust #1 Dust #2

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/24/21	3.0	SW	1300	52	1300	47	5	3.0	–	JL
↓	2.0	SW	1330	41	1330	35	6	1.8	–	↓
	1.4	SW	1400	42	1400	37	5	3.0	–	
↓	1.9	SW	1430	43	1430	34	9	2.4	–	↓
					JL					

Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name	Project Location
–	Centennial HS	Compton, CA

On-Site Dust Control Supervisor	Certification Number	Phone Number	Email Address
Jackson Long	–		Jackson.long@terraphase.com

Dust #1 Dust #2

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
9/25/26	0.8	WSW	0730	50	0730	50	0	/	–	JL
	0.8	WSW	0800	57	0800	56	1	/	–	
	~~JL 0.8~~ 0.0	WSW	0830	61	0830	60	1	/	–	
	0.0	WSW	0900	70	0900	68	2	/	–	
	0.0	WSW	0930	65	0930	74	9	13.4	trucks went by	
	0.0	WSW	1000	71	1000	77	6	12.2	–	
	4.8	WSW	1030	66	1030	76	10	10.4	–	
	1.6	WSW	1100	65	1100	73	8	9.6	–	JL

*Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

SCAQMD Rule 1466 PM_{10} Monitoring Log

Notice Number	Project Name		Project Location
—	Centennial HS		Compton, CA
On-Site Dust Control Supervisor	**Certification Number**	**Phone Number**	**Email Address**
M. Garcia	—	949-377-2227	—

Date	Wind (mph)		Upwind ($\mu g/m^3$)		Downwind ($\mu g/m^3$)		Delta ($\mu g/m^3$)	2 HR Avg Conc.	Comments	Measured By
	Speed	Direction	Time*	Conc.	Time*	Conc.				
10/14/26	0.2	WSW	0700	35	0700	10	25	/	excavate to sidewalk at SB-34	MG
"	0.5	SW	0730	33	0730	20	13	/	—	"
"	0.5	WSW	0800	29	0800	17	8	/	—	"
"	0.2	SW	0830	28	0830	18	10	/	—	"
"	0.2	SW	0900	22	0900	19	3	21	—	"
"	0.5	SW	0930	24	0930	18	8	12	—	"
"	1.0	WSW	1000	26	1000	18	6	8	—	"
"	0.2	W	1030	22	1030	17	5	6	—	"
"	0.5	NW	1100	19	1100	18	1	4.2	trucks loading stockpile	"
↓	0.3	NW	1130	20	1130	19	1	3	—	"
10/14/26	0.4	NW	1200	21	1200	20	1	2.2	—	↓
								1.5	—	MG

*Data logging shall be every 10 minutes or less per Rule 1466 (d)(3)(F)

Appendix D

Waste Manifests

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

SC-26-1260 WASTE DISPOSAL SUMMARY					
DESCRIPTION: Non-Hazardous Soil with PCBs					
Profile: 675446CA			Facility: WM Simi Valley		
DATE	**LOAD**	**MANIFEST NUMBER**	**TICKET NUMBER**	**ACTUAL QUANTITY**	**UNIT**
10/13/2026	1	SC-26-1260-001	3929432	24.99	TONS
10/13/2026	2	SC-26-1260-002	3929437	26.36	TONS
10/13/2026	3	SC-26-1260-003	3929506	26.72	TONS
10/13/2026	4	SC-26-1260-004	3929474	21.98	TONS
10/13/2026	5	SC-26-1260-005	3929469	28.32	TONS
10/13/2026	6	SC-26-1260-006	3929473	25.33	TONS
10/13/2026	7	SC-26-1260-007	3929484	25.56	TONS
10/13/2026	8	SC-26-1260-008	3930067	27.54	TONS
10/13/2026	9	SC-26-1260-009	3929520	27.99	TONS
10/13/2026	10	SC-26-1260-010	3929544	26.35	TONS
10/13/2026	11	SC-26-1260-011	3929569	27.41	TONS
10/13/2026	12	SC-26-1260-012	3929733	25.43	TONS
10/13/2026	13	SC-26-1260-013	3929730	28.31	TONS
10/13/2026	14	SC-26-1260-014	3929739	27.99	TONS
10/13/2026	15	SC-26-1260-015	3929751	26.08	TONS
10/13/2026	16	SC-26-1260-016	3929755	26.68	TONS
10/14/2026	17	SC-26-1260-017	3930041	27.31	TONS
10/14/2026	18	SC-26-1260-018	3930509	15.43	TONS
10/14/2026	19	SC-26-1260-019	3930492	11.52	TONS
October 2026 Total:				**477.30**	**TONS**
Cumulative Total:				**477.30**	**TONS**

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929432

Customer Name:	INNOVATIVE CONSTRUCTION SOLUT	Carrier	JM TRUCKING JM TRUCKING
Ticket Date	10/13/2026	Vehicle#	08-1
Payment Type	Credit Account	Container	
Billing#	0003722	Generator Name	CENTENNIAL HIGH-2606 Centennial
Manual Ticket#		Profile	675446CA (Non-Hazardous Soil with PC
PO#	SC-26-1260	Manifest#	SC-26-1260-001
Contract			

	Time	Scale	Operator		
In	10/13/2026 09:17:24	3	agaytan	Gross	81160 lb
Out	10/13/2026 09:17:24		agaytan	Tare	31180 lb
				Net	49980 lb
				Tons	24.99

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	24.99	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

#08 9673358
#07 4UE9499

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 001

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: J&M Trucking — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CWSP — Signature: R Tabarango — Month 10 Day 13 Year 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Mendoza — Signature — Month 10 Day 12 Year 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Andrea Gaytan — Signature — Month 10 Day 13 Year 26

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929437

Customer Name: INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier DUSTY TRUCKING DUSTY TRUCKING
Vehicle# 10
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-002

	Time	Scale	Operator
In	10/13/2026 09:23:18	3	agaytan
Out	10/13/2026 09:23:18		agaytan

Gross	84500 lb
Tare	31780 lb
Net	52720 lb
Tons	26.36

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	26.36	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P475-Waste Water Man	100		%				

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 002

GENERATOR

5. Generator's Name and Mailing Address

Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)

2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Dusty Trucking #10 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number: N/A

Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR WSD — Signature: R. Tabarango — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cesar Perez — Signature — Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Andrea Gayfan — Signature — Month: 10 Day: 13 Year: 26

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929506

Customer Name: INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier MG TRUCKING M G Trucking
Vehicle# 05-7
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-003

	Time	Scale	Operator		
In	10/13/2026 10:11:01	2	nsandov1	Gross	83820 lb
Out	10/13/2026 10:11:01		nsandov1	Tare	30380 lb
				Net	53440 lb
				Tons	26.72

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	26.72	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

TK 05 TRAILER M1632917

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 003

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: MG TRUCKING — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects n proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR LWSD — Signature: R. Tabarango — Month 10 Day 13 Year 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Juan Miranda — Signature — Month 10 Day 13 Year 26
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Nohely Sandoval — Signature — Month 10 Day 13 Year 26

DESIGNATED FACILITY TO GENERATOR

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Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929474

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier J AND B FUNES
Vehicle# 14-2
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-004

	Time	Scale	Operator		
In	10/13/2026 09:47:14	3	agaytan	Gross	75160 lb
Out	10/13/2026 09:47:14		agaytan	Tare	31200 lb
				Net	43960 lb
				Tons	21.98

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	21.98	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

14 4K69741

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 004

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: J-B-Finey Trucking — U.S. EPA ID Number: CAR000375444

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267 — U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR WSD — Signature: R. Yburgo — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOSE FINEY — Signature: JOSE FINEY — Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Andrea Gaytan — Signature — Month: 10 Day: 13 Year: 26

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DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929469

Customer Name: INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier VEGA TRUCKING VEGA TRUCKING
Vehicle# 501-4
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-005

	Time	Scale	Operator		
In	10/13/2026 09:43:40	3	agaytan	Gross	87120 lb
Out	10/13/2026 09:43:40		agaytan	Tare	30480 lb
				Net	56640 lb
				Tons	28.32

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	28.32	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

HCX7959 #501

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 005

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Vega Trucking — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Soil	001	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR WSD — Signature: R. [illegible] — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Segundo Vega — Signature: [illegible] — Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Andrea Gaytan — Signature: [illegible] — Month: 10 Day: 13 Year: 26

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DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929473

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier H VEGA TRUCKING
Vehicle# 1-1
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# sc-26-1260-006

	Time	Scale	Operator		
In	10/13/2026 09:46:41	2	WALVAREZ	Gross	82120 lb
Out	10/13/2026 09:46:41		WALVAREZ	Tare	31460 lb
				Net	50660 lb
				Tons	25.33

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	25.33	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

H. Vega Trucking #01
4BV9173

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 006

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: H. Vega Trucking — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD — Signature: R. Tabarango — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Humberto Vega — Signature: Humberto Vega — Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month: 10 Day: 13 Year: 26

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DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929484

Customer Name:	INNOVATIVE CONSTRUCTION SOLUT	Carrier	QG TRUCKING
Ticket Date	10/13/2026	Vehicle#	11-1
Payment Type	Credit Account	Container	
Billing#	0003722	Generator Name	CENTENNIAL HIGH-2606 Centennial
Manual Ticket#		Profile	675446CA (Non-Hazardous Soil with PC
PO#	SC-26-1260	Manifest#	sc-26-1260-007
Contract			

	Time	Scale	Operator		
In	10/13/2026 09:55:41	2	WALVAREZ	Gross	84520 lb
Out	10/13/2026 09:55:41		WALVAREZ	Tare	33400 lb
				Net	51120 lb
				Tons	25.56

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	25.56	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

4408474?

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260- 007

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: QRG #11
U.S. EPA ID Number:

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR WSP
Signature: R. Jhng
Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Guillermo Gomez
Signature:
Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 10 Day: 13 Year: 26

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3930067

Customer Name: INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier ROCHAS TRUCKING
Vehicle# 69
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-008

	Time	Scale	Operator		
In	10/13/2026 10:29:34	2	nsandov1	Gross	83640 lb
Out	10/13/2026 10:29:34		nsandov1	Tare	28560 lb
				Net	55080 lb
				Tons	27.54

Comments REPLACEMENT TICKET FOR TICKET Nbr 3929537

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	27.54	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

#69;4PB2750

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260- 008

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Rocha's TRKG.
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD
Signature: R. [illegible]
Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: IVAN ROCHA
Signature: [illegible]
Month: 10 Day: 13 Year: 26
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Nohely Sandoval
Signature: [illegible]
Month: 10 Day: 13 Year: 26

DESIGNATED FACILITY TO GENERATOR

9-BLC-O 6 10498 (Rev. 9/09)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929520

Customer Name:	INNOVATIVE CONSTRUCTION SOLUT	Carrier	MT TRANSPORTATION MT TRANSPORTATION
Ticket Date	10/13/2026	Vehicle#	001-3
Payment Type	Credit Account	Container	
Billing#	0003722	Generator Name	CENTENNIAL HIGH-2606 Centennial
Manual Ticket#		Profile	675446CA (Non-Hazardous Soil with PC
PO#	SC-26-1260	Manifest#	SC-26-1260-009
Contract			

	Time	Scale	Operator		
In	10/13/2026 10:20:32	3	agaytan	Gross	87000 lb
Out	10/13/2026 10:20:32		agaytan	Tare	31020 lb
				Net	55980 lb
				Tons	27.99

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	27.99	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Truck Lic 9G06555 Truck 001 Trailer Lic 4VM4526

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 009

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267 — N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR WSD — Signature: R. Tabarango — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: M.T. Transport — Signature: Mario Trejo — Month: 10 Day: 13 Year: 26
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Andrea Gayran — Signature — Month: 10 Day: 13 Year: 26

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929544

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier ROCHAS GENERAL CONST
Vehicle# 13-1
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-010

	Time	Scale	Operator
In	10/13/2026 10:33:53	2	nsandov1
Out	10/13/2026 10:33:53		nsandov1

Gross	83940 lb
Tare	31240 lb
Net	52700 lb
Tons	26.35

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	26.35	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

#13 4WR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260- 010

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Rochas General Co
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Soil	001	DT	18	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD
Signature: R. [signature]
Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Roberto Rocha
Signature: R Rocha
Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Nohely Sandoval
Signature: [signature]
Month: 10 Day: 13 Year: 26

DESIGNATED FACILITY TO GENERATOR

169-BLC-O 6 10498 (Rev. 9/09)

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929569

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier HUERTAS TRANS LLC
Vehicle# 27
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-011

	Time	Scale	Operator
In	10/13/2026 10:54:29	3	nsandov1
Out	10/13/2026 11:19:25	1	NSANDOV1

Gross	86480 lb
Tare	31660 lb
Net	54820 lb
Tons	27.41

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	27.41	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260- 011

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address): 2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Huerta's Transportation LLC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267

U.S. EPA ID Number: N/A

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Soil	00	DT	18	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR LWSD — Signature: R. Tabarango — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Armando Huerta — Signature — Month: 10 Day: 13 Year: 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: — U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Nohely Sandoval — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929733

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier JM TRUCKING JM TRUCKING
Vehicle# 08-1
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-012

	Time	Scale	Operator		
In	10/13/2026 13:01:16	3	agaytan	Gross	82040 lb
Out	10/13/2026 13:01:16		agaytan	Tare	31180 lb
				Net	50860 lb
				Tons	25.43

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	25.43	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

#08 4673558
#07 4VE9492

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260- 012

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: J & M Trucking — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR USD — Signature: R. Tabarango — Month 10 Day 13 Year 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Mendoza — Signature: — Month 10 Day 13 Year 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: **Andrea Gaytan** — Signature — Month 10 Day 13 Year 26

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DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929730

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier DUSTY TRUCKING DUSTY TRUCKING
Vehicle# 10
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-013

	Time	Scale	Operator
In	10/13/2026 12:58:19	3	nsandov1
Out	10/13/2026 12:58:19		nsandov1

Gross	88400 lb
Tare	31780 lb
Net	56620 lb
Tons	28.31

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	28.31	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 013

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Dusty Trucking #11 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD — Signature: R. Tabarango — Month: 10 Day: 13 Year: 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Cesar Perez — Signature — Month: 10 Day: 13 Year: 26
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: ERIK CASILLAS — Signature: EC — Month: 10 Day: 13 Year: 26

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Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929739

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier VEGA TRUCKING VEGA TRUCKING
Vehicle# 501-4
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-014

	Time	Scale	Operator		
In	10/13/2026 13:05:46	2	ECASILL2	Gross	86460 lb
Out	10/13/2026 13:05:46		ECASILL2	Tare	30480 lb
				Net	55980 lb
				Tons	27.99

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	27.99	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P475-Waste Water Man	100		%				

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 014

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Santa Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Vega Trucking #501 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267 — U.S. EPA ID Number: N/A

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Soil	001	DT	18	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD — Signature: R. [signature] — Month 10 Day 13 Year 26

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Andrea Gaytan — Signature: [signature] — Month 10 Day 13 Year 26

169-BLC-O 6 10498 (Rev. 9/09)

GENERATOR'S/SHIPPER'S INITIAL COPY

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Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929751

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier J AND B FUNES
Vehicle# 14-2
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-015

	Time	Scale	Operator		
In	10/13/2026 13:18:09	3	agaytan	Gross	83360 lb
Out	10/13/2026 13:18:09		agaytan	Tare	31200 lb
				Net	52160 lb
				Tons	26.08

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	26.08	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260-015

5. Generator's Name and Mailing Address
Centennial High School
901 S Santa Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr @ 310-639-4321 x 55350

Generator's Site Address (if different than mailing address)
2648 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: J & B Funes Transport — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR LUSD
Signature: R. Tabarango
Month: 10 Day: 13 Year: 26

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

TRANSPORTER
Transporter Signature (for exports only):
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number
17b. Alternate Facility (or Generator)
Facility's Phone: Month Day Year
17c. Signature of Alternate Facility (or Generator)
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed: Andrea Gayran
Signature
Month: 10 Day: 13 Year: 26

GENERATOR'S/SHIPPER'S INITIAL COPY

169-BLC-O 6 10498 (Rev. 9/09)

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Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3929755

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/13/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier H VEGA TRUCKING
Vehicle# 1-1
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-016

	Time	Scale	Operator		
In	10/13/2026 13:25:03	2	NSANDOV1	Gross	84820 lb
Out	10/13/2026 13:25:03		NSANDOV1	Tare	31460 lb
				Net	53360 lb
				Tons	26.68

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	26.68	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P475-Waste Water Man	100		%				

Total Tax
Total Ticket

Driver`s Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4913
4. Waste Tracking Number: SC-26-1260-016

5. Generator's Name and Mailing Address
Centennial High School
501 S Santa Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x35350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222
U.S. EPA ID Number

6. Transporter 1 Company Name: A Vega Trucking
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD
Signature: R. [illegible]
Month: 10 Day: 13 Year: 26

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Signature: Month Day Year
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Andrea Gayran
Signature:
Month: 10 Day: 13 Year: 26

169-BLC-O 6 10498 (Rev. 9/09) GENERATOR'S/SHIPPER'S INITIAL COPY

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Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3930041

Customer Name:INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/14/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier MG TRUCKING M G Trucking
Vehicle# 05-6
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-26-1260-017

	Time	Scale	Operator
In	10/14/2026 06:06:15	2	nsandov1
Out	10/14/2026 06:06:15		nsandov1

Gross	89820 lb
Tare	35200 lb
Net	54620 lb
Tons	27.31

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	27.31	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

TK 03 Manifest # 3297

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of: 1
3. Emergency Response Phone: 949-228-4915
4. Waste Tracking Number: SC-26-1260-017

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: MG TRUCKING — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Soil	001	DT	18	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jesus Miranda — Signature — Month Day Year: 10 12 26
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: ERIK CASILLAS — Signature: EC — Month Day Year: 10 14 26

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3930509

Customer Name: INNOVATIVE CONSTRUCTION SOLUT
Ticket Date 10/14/2026
Payment Type Credit Account
Billing# 0003722
Manual Ticket#
PO# SC-26-1260
Contract

Carrier ROBLES TRANS
Vehicle# 58
Container
Generator Name CENTENNIAL HIGH-2606 Centennial
Profile 675446CA (Non-Hazardous Soil with PC
Manifest# SC-25-1260-018

	Time	Scale	Operator
In	10/14/2026 12:26:20	3	nsandov1
Out	10/14/2026 12:26:20		nsandov1

Gross	64240 lb
Tare	33380 lb
Net	30860 lb
Tons	15.43

Comments

Customer assumes all risks & liability to self and vehicle.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	15.43	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P475-Waste Water Man	100		%				

Total Tax
Total Ticket

Driver`s Signature

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A

2. Page 1 of: 1

3. Emergency Response Phone: 949-228-4915

4. Waste Tracking Number: SC-26-1260- 018

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: [illegible] transport

U.S. EPA ID Number: CA[illegible]37988

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267

U.S. EPA ID Number

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Soil	001	DT	18	Y
2.				
3.				
4.				

N/A

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR LWSD
Signature: R. Tabarango
Month 10 Day 14 Year 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature: [illegible]
Month 10 Day 14 Year 26

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

Nohely Sandoval

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 10 Day 14 Year 26

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

Simi Valley Landfill and Recycling Center
2801 Madera Road
Simi Valley, CA, 93065 Ph: (805) 579-7267

Reprint
Ticket# 3930492

Customer Name:	INNOVATIVE CONSTRUCTION SOLUT	Carrier	DUSTY TRUCKING DUSTY TRUCKING
Ticket Date	10/14/2026	Vehicle#	10
Payment Type	Credit Account	Container	
Billing#	0003722	Generator Name	CENTENNIAL HIGH-2606 Centennial
Manual Ticket#		Profile	675446CA (Non-Hazardous Soil with PC
PO#	SC-26-1260	Manifest#	SC-26-1260-019
Contract			

	Time	Scale	Operator		
In	10/14/2026 12:18:44	2	ECASILL2	Gross	54820 lb
Out	10/14/2026 12:18:44		ECASILL2	Tare	31780 lb
				Net	23040 lb
				Tons	11.52

Comments

Customer assumes all risks & liability to self and vehicle.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Waste-Tons-Speci	100	11.52	Tons				COMPTON
2	ENERGY-Energy Surcharge	100		%				COMPTON
3	WWM-P475-Waste Water Man	100		%				COMPTON

Total Tax
Total Ticket

Driver`s Signature

Addendum 04 / EXHIBIT 13 Soil Removal Completion Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	949-228-4915	SC-26-1260- 019

GENERATOR

5. Generator's Name and Mailing Address
Centennial High School
501 S Sante Fe Avenue, Compton, CA 90221
Generator's Phone: Leonard Hernandez Jr. @ 310-639-4321 x55350

Generator's Site Address (if different than mailing address)
2606 N Central Ave., Compton CA 90222

6. Transporter 1 Company Name: Dusty Trucking # 10 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Waste Management Simi Valley
2801 Madera Rd., Simi Valley, CA 93065
Facility's Phone: (805) 579-7267
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Waste Management Profile #675446CA ICS: SC-26-1260 Clean-UP
Wear appropriate Personal Protective Equipment when handling, as necessary

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ROBERT TABARANGO FOR CUSD — Signature: R. Jhung — Month 10 Day 14 Year 26

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cesar Perez — Signature — Month 10 Day 14 Year 26

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Erik Casillas — Signature — Month 10 Day 14 Year 26

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

Agenda Item Details

Meeting	Jul 21, 2026 - Re-Organization Meeting and the Regional Occupational Program (ROP) Meeting of the Board of Trustees
Category	K. ACTION - BUSINESS/CONSENT ITEMS (Routine Matters) - Consent Items are considered routine and will be enacted, approved, and adopted by one motion unless a request for removal, discussion, or explanation is received from any Board Member or member of the public in attendance.
Subject	65. 26/27-5018 – Resolution No. 26/27-006 Adopting the Centennial High School Modernization Project's Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program and Deciding to Carry Out the Project (Business & Administrative Services)
Type	Action

BACKGROUND

It is recommended that the Compton Unified School District ("District") Board of Trustees ("Board") adopt Resolution 26/27-006 adopting the Centennial High School Modernization Project's ("Proposed Project") Mitigated Negative Declaration ("MND") and the Mitigation Monitoring and Reporting Program, and deciding to carry out the Proposed Project, and direct staff to file a Notice of Determination with the County Clerk and State Clearinghouse.

ANALYSIS

The District has developed the Centennial High School Modernization Project located at Centennial High School, 2606 North Central Avenue, Compton, California 90222.

The Proposed Project involves redevelopment of the Centennial High School campus. Existing permanent and portable school buildings, facilities, and athletic fields would be demolished and replaced with new academic, administrative, athletic, and support facilities, including: a single-story, 18,898-square-foot administration building, a two-story, 85,289-square-foot academic building, a single-story, 42-585-square-foot performing arts center, a single-story, 40,236-square-foot gymnasium, a single-story, 3,371-square-foot aquatic center and pool building, a single-story, 17,937-square-foot dining and career technical education building that includes 2,200 square feet of exterior covered area, a single-story, 5,130-square-foot field house, three (3) parking lots, multiple athletic facilities, outdoor courts, and associated site improvements. Improvements would also include landscaping, circulation and accessibility upgrades, utility improvements, lighting, signage, and stormwater infrastructure upgrades. Construction would occur in phases between approximately August 2026 and August 2030.

The California Environmental Quality Act ("CEQA") requires the District to evaluate and determine whether the Proposed Project could create significant environmental impacts and develop and adopt feasible mitigation measures to reduce such impacts to less than significant.

Once the Proposed Project was developed, the District engaged Terraphase Engineering ("Terraphase") to conduct environmental review under CEQA. Terraphase analyzed the Proposed Project and determined that it could potentially cause significant environmental impacts to aesthetics, biological resources, cultural resources, hazards and hazardous materials, and tribal cultural resources but that implementation of certain mitigation measures would reduce all such impacts to less than significant and that a Mitigated Negative Declaration is the appropriate environmental document.

As a result, Terraphase prepared an MND that describes the Proposed Project, analyzes the potential environmental impacts, and identifies mitigation measures to reduce all those significant environmental impacts to less than significant.

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

On May 29, 2026, the District noticed and circulated the proposed MND for public review and comment according to CEQA's procedures. The comment period ended June 29, 2026, thirty (30) days later. The District received a public comment letter from the Department of Toxic Substances Control ("DTSC") dated May 29, 2026, and a comment letter from G3 Urban, dated June 29, 2026.

The DTSC letter commented that if the Project will use State funding, the District must comply with applicable Education Code requirements for school site approval unless exempt, and that for locally funded or exempt projects, any necessary site investigation and cleanup should proceed under Los Angeles County oversight in accordance with applicable DTSC guidance. DTSC also recommended the District test imported soil and fill, document its source, and, as appropriate, sample it to ensure it meets applicable screening levels and is suitable for the intended land use. DTSC further recommended that, if the District chooses to pursue DTSC's school environmental review process, the District follow DTSC's School Environmental Review Process and contact DTSC with any questions. The District noted each comment and responded with the following: (1) the District prepared a Phase I Environmental Site Assessment and Preliminary Environmental Assessment ("PEA") for the Proposed Project Site, and the PEA was included as Appendix E of the MND; (2) the District will clean up the Project Site in concurrence with the applicable DTSC guidance documents and follow other site-specific regulatory requirements for the cleanup, and adopt Mitigation Measure HAZ-1 to manage any contaminated soil and dust control identified during grading activities; and (3) all imported soil or fill required during construction activities will be tested as recommended by the DTSC materials and compared to residential screening levels, and the District will document import fill source areas.

The G3 Urban comment letter unconditionally supported the approval and implementation of the Proposed Project and recognized the importance of coordinated investment in high-quality educational facilities and new housing opportunities in the City of Compton. G3 Urban further encouraged the District to proceed with consideration and approval in accordance with applicable law. The District provided a written response acknowledging the comment and noting that it would be considered by the Board.

Based on the public comments received, the District responded to each comment as appropriate and determined that none of the comments provided substantial evidence that the Project will have a significant environmental effect requiring the preparation of an Environmental Impact Report. Further, the District made the following conclusions: (1) none of the information in the letters or responses constituted the type of significant new information requiring recirculation of the MND for further public review; (2) none of the comments constituted new material indicating that the Project will result in a significant new environmental impact not previously disclosed in the MND; and (3) none of the information indicated there would be a substantial increase in the severity of a previously identified environmental impact that will not be mitigated, or that there would be any of the other circumstances requiring recirculation as described in CEQA Guidelines Section 15073.5. Therefore, the District adequately responded to all public comments.

Terraphase prepared the proposed Mitigation Monitoring and Reporting Program for the Proposed Project, as required by CEQA, that incorporated all the mitigation measures identified in the MND.

Based upon the MND and Mitigation Monitoring and Reporting Program, there is no substantial evidence or fair argument that the mitigated Proposed Project will potentially have a significant effect on the environment and the MND is the appropriate CEQA document to adopt in order to decide to carry out the Proposed Project.

Should the Board adopt the Resolution, the Proposed Project will be approved and ready to proceed to construction, and District staff will file a Notice of Determination with the Los Angeles County Clerk and State Clearinghouse.

STUDENT ACHIEVEMENT IMPACT

The Proposed Project would provide a better learning environment to help maximize student achievement through a modern design utilizing space planning known to improve student learning.

FISCAL IMPACT

TBD

ANNUAL COST

TBD

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

- 26-27-5018- Resolution No 26-27-006 Adopting the Centennial High School Modernization Project.pdf (202 KB)
- Attachment 1 - MMRP_Centennial_HS.pdf (226 KB)
- Attachment 2 - July 2 2026 Response_to_Comments.pdf (1,353 KB)
- Attachment 3 - Centennial HS NOD.pdf (164 KB)

COMPTON UNIFIED SCHOOL DISTRICT

ITEM NO. 26/27-5018

RESOLUTION NO. 26/27-006

RESOLUTION OF THE BOARD OF TRUSTEES OF THE COMPTON UNIFIED SCHOOL DISTRICT ADOPTING THE CENTENNIAL HIGH SCHOOL MODERNIZATION PROJECT'S MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM AND DECIDING TO CARRY OUT THE PROJECT

July 21, 2026

WHEREAS, the Compton Unified School District ("District") has developed the Centennial High School Modernization Project located at Centennial High School, 2606 North Central Avenue, Compton, California 90222 ("Proposed Project"); and

WHEREAS, the Proposed Project involves redevelopment of the Centennial High School campus. Existing permanent and portable school buildings, facilities, and athletic fields would be demolished and replaced with new academic, administrative, athletic, and support facilities, including: a single-story, 18,898-square-foot administration building, a two-story, 85,289-square-foot academic building, a single-story, 42-585-square-foot performing arts center, a single-story, 40,236-square-foot gymnasium, a single-story, 3,371-square-foot aquatic center and pool building, a single-story, 17,937-square-foot dining and career technical education building that includes 2,200 square feet of exterior covered area, a single-story, 5,130-square-foot field house, three (3) parking lots, multiple athletic facilities, outdoor courts, and associated site improvements. Improvements would also include landscaping, circulation and accessibility upgrades, utility improvements, lighting, signage, and stormwater infrastructure upgrades. Construction would occur in phases between approximately August 2026 and August 2030; and

WHEREAS, the California Environmental Quality Act ("CEQA") requires the District to evaluate and determine whether the Proposed Project could create significant environmental impacts and develop and adopt feasible mitigation measures to reduce such impacts to less than significant; and

WHEREAS, once the Proposed Project was developed, the District engaged Terraphase Engineering ("Terraphase") to conduct environmental review under CEQA; and

WHEREAS, Terraphase analyzed the Proposed Project and determined that it could potentially cause significant environmental impacts to aesthetics, biological resources, cultural resources, hazards and hazardous materials, and tribal cultural resource, but that implementation of certain mitigation measures would reduce all such impacts to less than significant and that a Mitigated Negative Declaration ("MND") is the appropriate environmental document; and

WHEREAS, Terraphase prepared an MND that describes the Proposed Project, analyzes the potential environmental impacts, and identifies mitigation measures to reduce all those significant environmental impacts to less than significant; and

WHEREAS, on May 29, 2026, the District noticed and circulated the proposed MND for public review and comment according to CEQA's procedures. The comment period ended June 29, 2026, 30 days later. The District received a public comment letter from the Department of Toxic Substances Control ("DTSC") dated May 29, 2026, and a comment letter from G3 Urban, dated June 29, 2026; and

WHEREAS, the DTSC letter commented that if the Project will use State funding, the District must comply with applicable Education Code requirements for school site approval unless exempt, and that for locally funded or exempt projects, any necessary site investigation and cleanup should proceed under Los Angeles County oversight in accordance with applicable DTSC guidance. DTSC also recommended the District test imported soil and fill, document its source, and, as appropriate, sample it to ensure it meets applicable screening levels and is suitable for the intended land use. DTSC further recommended that, if the District chooses to pursue DTSC's school environmental review process, the District follow DTSC's School Environmental Review Process and contact DTSC with any questions. The District noted each comment and responded with the following: (1) the District prepared a Phase I Environmental Site Assessment and Preliminary Environmental Assessment ("PEA") for the Proposed Project Site, and the PEA was included as Appendix E of the MND; (2) the District will clean up the Project Site in concurrence with the applicable DTSC guidance documents and follow other site-specific regulatory requirements for the cleanup, and adopt Mitigation Measure HAZ-1 to manage any contaminated soil and dust control identified during grading activities; and (3) all imported soil or fill required during construction activities will be tested as recommended by the DTSC materials and compared to residential screening levels, and the District will document import fill source areas; and

WHEREAS, the G3 Urban comment letter unconditionally supported the approval and implementation of the Proposed Project and recognized the importance of coordinated investment in high-quality educational facilities and new housing opportunities in the City of Compton. G3 Urban further encouraged the District to proceed with consideration and approval in accordance with applicable law. The District provided a written response acknowledging the comment and noting that it would be considered by the Board; and

WHEREAS, based on the public comments received, the District responded to each comment as appropriate and determined that none of the comments provided substantial evidence that the Project will have a significant environmental effect requiring the preparation of an Environmental Impact Report. Further, the District made the following conclusions: (1) none of the information in the letters or responses constituted the type of significant new information requiring recirculation of the MND for further public review; (2) none of the comments constituted new material indicating that the Project will result in a significant new environmental impact not previously disclosed in the MND; and (3) none of the information indicated there would be a substantial increase in the severity of a previously identified environmental impact that will not be mitigated, or that there would be any of the other circumstances requiring recirculation as described in CEQA Guidelines Section 15073.5. Therefore, the District adequately responded to all public comments; and

WHEREAS, Terraphase prepared the proposed Mitigation Monitoring and Reporting Program for the Proposed Project, as required by CEQA, that incorporated all the mitigation measures identified in the MND; and

NOW, THEREFORE, BE IT RESOLVED, that based upon the whole of the administrative record, the MND and the Mitigation Monitoring and Reporting Program, the Compton Unified School District Board of Trustees ("Board") hereby finds the following:

Section 1. That the above recitals are true and correct.

Section 2. The Board has independently reviewed and considered the MND, the Responses to Comments, and Mitigation Monitoring and Reporting Program.

Section 3. There is no fair argument or substantial evidence that the mitigated Proposed Project will have a potentially significant effect on the environment, and an environmental impact report is not required.

Section 4. This Resolution wholly reflects the District's independent judgment and analysis.

BE IT FURTHER RESOLVED that the Board hereby adopts:

Section 1. The MND prepared by Terraphase dated May 2026.

Section 2. The Project's Mitigation Monitoring and Reporting Program.

BE IT FURTHER RESOLVED that the Board hereby decides to carry out (*i.e.*, approve) the Proposed Project.

BE IT FURTHER RESOLVED that the Superintendent or designee serve as the custodian of the documents and other materials that constitute the record of proceedings upon which the Board's decision is based. The record of proceedings shall be maintained at the District's offices at 501 S. Santa Fe Avenue, Compton, California 90221.

BE IT FURTHER RESOLVED that the Board directs the Superintendent or designee to file with the Los Angeles County Clerk and State Clearinghouse a Notice of Determination for the decision to carry out the Project.

PASSED AND ADOPTED by the Board on July 21, 2026 at a duly noticed meeting by the following vote:

AYES: 7 NOES: 0 ABSTAIN: 0 ABSENT: 0

I, Denzell Perry, Clerk of the Governing Board of the Compton Unified School District, HEREBY CERTIFY that the foregoing Resolution was duly introduced, passed, and adopted by the Board at the meeting thereof held on July 21, 2026.

IN WITNESS THEREOF, I have hereto set my hand this 21st day of July 2026.

Denzell Perry
Clerk

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

Mitigation Monitoring and Reporting Program

Centennial High School Modernization Project

Prepared for

Compton Unified School District
501 South Santa Fe Avenue
Compton, California 90221

Prepared by

Terraphase Engineering, Inc.
250 E. 1st Street, Suite 1401
Los Angeles, California 90012

July 2, 2026

terraphase engineering

Mitigation Monitoring and Reporting Program

The Compton Unified School District's (District's) Initial Study (IS) and Mitigated Negative Declaration (MND) for the Centennial High School Modernization Project identifies mitigation measures that, when implemented, would reduce potentially significant environmental impacts to less-than-significant levels. In accordance with Section 15074(d) of the CEQA Guidelines, when adopting an MND, the District must adopt a Mitigation Monitoring and Reporting Program (MMRP) to ensure implementation of the mitigation measures identified in the IS/MND.

According to CEQA Guidelines Section 15097, the public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program.

The Mitigation Monitoring Table lists the mitigation measures identified in the IS/MND and adopted as part of the Proposed Project. To ensure that the mitigation measures are properly implemented, the Mitigation Monitoring Table establishes a framework for monitoring and reporting that identifies the timing and responsibility for implementation and verification of each mitigation measure. The Mitigation Monitoring Table includes the following information:

- A list of mitigation measures;
- The party responsible for implementing the mitigation measures;
- The timing for implementation of the mitigation measures;
- The party responsible for monitoring the implementation; and
- A location for the monitoring action to be logged (with a requirement for signatures and dates).

Table 1 Mitigation Monitoring Table

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
AES-1	Spill Light, Glare, and Night Glow. Prior to final inspection and operation of the outdoor recreational lighting, the District and/or its construction contractor shall conduct field measurements to verify compliance with the approved Musco Lighting photometric plan. All recreational lighting shall be operated at intended maximum intensity for a minimum of 30 minutes after dusk during testing. Measurements shall be taken along the property lines adjacent to light-sensitive uses to confirm that spill light and glare do not exceed 0.5 footcandle (fc; horizontal and vertical illumination) and 10,000 candela (luminous intensity), respectively. Testing shall also verify that lamp sources (light-emitting elements) are not directly visible from adjacent light-sensitive viewpoints. If measured lighting levels exceed these thresholds, or if lamp sources are visible from light-sensitive uses, the District and/or its contractor shall implement corrective measures (e.g., fixture re-aiming, installation of shielding, dimming, or fixture replacement) and shall repeat field measurements until compliance is achieved.	District and/or Construction Contractor	Prior to final inspection and operation of the outdoor recreational lighting	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
BIO-1	**Nesting Bird Avoidance.** To avoid disturbance of nesting birds, including raptorial species protected by the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code (CFGC), activities related to the Proposed Project, including, but not limited to, vegetation removal, ground disturbance, and construction and demolition shall occur outside of the bird breeding season (February 1 through August 31). If construction occurs during the breeding season, then a pre-construction nesting bird survey shall be conducted no more than seven days prior to initiation of construction activities. The nesting bird pre-construction survey shall be conducted on foot inside the Proposed Project Site, including a 100-foot buffer, and in inaccessible areas (e.g., private lands) from afar using binoculars to the extent practical. The survey shall be conducted by a biologist familiar with the identification of avian species known to occur in Southern California. If nests are found, an avoidance buffer shall be demarcated by a qualified biologist with bright orange construction fencing, flagging, construction lathe, or other means to mark the boundary. All construction personnel shall be notified as to the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No parking, storage of materials, or construction activities shall occur within this buffer until the biologist has confirmed that breeding/nesting is completed, and the young have fledged the nest. Encroachment into the buffer shall occur only at the discretion of the qualified biologist. A survey report by the qualified biologist documenting and verifying compliance with this measure and with applicable state and federal regulations protecting nesting birds shall be submitted to the District. The qualified biologist shall serve as a construction monitor during those periods when construction activities would occur near active nests to ensure that no inadvertent impacts on the nests would occur.	Construction Contractor and Qualified Biologist	No more than seven days prior to initiation of construction activities if construction occurs during the bird breeding season; and during construction if active nests are identified	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
BIO-2	Bat Avoidance. To avoid disturbance of roosting bats protected as California Department of Fish and Wildlife (CDFW) Species of Special Concern (SSC), activities related to the Proposed Project, including but not limited to tree removal, building demolition, and construction, shall occur outside of the bat maternity season (typically April 1 through August 31) to the extent feasible. If such activities must occur during the maternity season, a pre-construction bat habitat assessment and survey shall be conducted no more than 14 days prior to initiation of activities. The survey shall be conducted by a qualified bat biologist and include visual inspections of trees and buildings for signs of bat use (e.g., guano, staining, individuals, or colonies). The survey shall cover the Proposed Project Site and a 50-foot buffer where accessible. If evidence of bat roosting is found, an avoidance buffer (typically 100–300 feet, depending on species and roost type) shall be demarcated by the qualified biologist. All construction personnel shall be notified of the buffer zone and instructed to avoid it until the biologist confirms the roost is vacated (e.g., after pups have fledged or through humane exclusion methods if approved by CDFW). Encroachment into the buffer shall occur only at the discretion of the qualified biologist and in consultation with CDFW if SSC bats are present. Humane exclusion, if necessary, shall be conducted outside the maternity season and in accordance with CDFW guidelines.	Construction Contractor and Qualified Bat Biologist	No more than 14 days prior to initiation of activities if tree removal, building demolition, or construction occurs during the bat maternity season; and during construction if bat roosts are identified	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
CUL-1	Archaeological Resources. Pursuant to 14 CCR § 15064.5(f), in the event that any historic or prehistoric subsurface cultural resources are discovered during ground-disturbing activities, all work within 50 feet of the resources shall be halted, and the District and/or its construction manager shall consult with a qualified archaeologist to assess the significance of the find. If any find is determined to be significant, appropriate avoidance measures recommended by the consultant and approved by the District must be followed unless avoidance is determined unnecessary or infeasible by the District. Feasibility of avoidance shall be determined with consideration of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery, excavation) shall be instituted. Work may proceed on other parts of the Proposed Project Site while measures for the cultural resources are implemented. In the event of data recovery of archaeological resources, the District and the qualified archaeologist shall prepare an Archaeological Research Design and Treatment Plan (ARDTP). The ARDTP is required to identify how the proposed data recovery program would preserve the significant information the archaeological resource is expected to contain. The ARDTP shall identify the scientific/historic research questions applicable to the expected resource, the data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions. The ARDTP shall include the analysis and specify the curation and storage methods. Data recovery, in general, shall be limited to the portions of the archaeological resource that could be impacted by the Proposed Project. Destructive data recovery methods shall not be applied to portions of the archaeological resources if nondestructive methods are practicable. Because the intent of the ARDTP is to save as much of the archaeological resource as possible, including moving the resource, if feasible, preparation and implementation of the ARDTP would reduce the potential adverse impact to less than significant.	District, Construction Manager, and Qualified Archaeologist	Upon discovery of cultural resources during ground-disturbing activities	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
HAZ-1	Contaminated Soil Management and Dust Control. Prior to grading activities, soil impacted by arsenic, lead, asbestos, and polychlorinated biphenyls (PCBs) shall be removed from the Site through excavation and off-site disposal at an acceptable landfill. The District and/or construction contractor shall implement measures during grading, excavation, stockpiling, loading, hauling, and other ground-disturbing activities to minimize off-site fugitive dust emissions and potential exposure to hazardous materials. Measures shall include, but not be limited to, the following: • Application of water or approved soil stabilizers to disturbed areas, unpaved haul routes, and soil stockpiles, as necessary, to control dust; • Covering of haul trucks transporting soil and minimizing the area of disturbed surfaces; • Continuous visual monitoring for dust emissions during soil disturbance activities; • Use of wind erosion controls and suspension of soil-disturbing activities during high wind conditions when visible dust cannot be effectively controlled; • Proper characterization, handling, storage, transportation, and disposal of contaminated soils in accordance with applicable local, state, and federal regulations; • Maintenance of records documenting dust control practices, soil handling procedures, and disposal documentation, as applicable; and • Implementation of particulate monitoring and additional control measures if contaminated soils exceed applicable regulatory screening thresholds.	District and/or Construction Contractor	Prior to grading activities and during grading, excavation, stockpiling, loading, hauling, and other ground-disturbing activities	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
TCR-1	Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities • The District will retain a Native American Monitor from, or approved by, the Gabrieleño Band of Mission Indians – Kizh Nation. The Native American Monitor will be retained prior to the commencement of any ground-disturbing activities for the Proposed Project at all project locations (including on-site and off-site locations specified in the project description and/or required in connection with the Proposed Project, such as public improvement work). "Ground-disturbing activities" include, but are not limited to, demolition and removal of pavement and improvements below the ground, potholing, augering, grubbing, tree removal, boring, grading, excavation, drilling, and trenching. • A monitoring agreement will be prepared between the District and the Native American Monitor and executed prior to the commencement of any ground-disturbing activity or the issuance of any permit necessary to begin such activity. • On days when ground-disturbing activities, as defined in subsection A above, are scheduled and as confirmed by the District and/or its construction contractor, the Native American Monitor will complete daily monitoring logs. These logs will describe the relevant ground-disturbing activities, the type of construction activities performed, the locations of such activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Kizh Nation. Monitoring logs will identify and describe any discovered cultural resources, including but not limited to Native American cultural and historical artifacts, remains, and places of significance (collectively, "tribal cultural resources" or "TCRs")—as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitoring logs will be provided to the District upon completion.	District, Gabrieleño Band of Mission Indians – Kizh Nation, and Kizh Monitor/ Archaeologist	Prior to commencement of any ground-disturbing activities and throughout ground-disturbing activities	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
	• On-site tribal monitoring shall conclude upon the latter of the following: (1) written confirmation to the Kizh Nation from the District and/or its construction contractor that all ground-disturbing activities and phases that involve ground disturbance at the Proposed Project Site are complete, or (2) a determination and written notification by the Kizh Nation to the District that no future planned construction activity or development phase at the Proposed Project Site possesses the potential to impact Kizh Nation TCRs.				
TCR-2	**Unanticipated Discovery of Tribal Cultural Resource Objects (Non-Funerary/Non-Ceremonial)** Upon discovery of any TCRs, all construction activities in the immediate vicinity of the discovery (not less than a 50-foot radius) shall cease and shall not resume until the TCR has been fully assessed by the Kizh Monitor and/or a Kizh archaeologist. The Kizh Nation will recover and retain all discovered TCRs in the form and manner deemed appropriate by the Tribe and the District, and for any purpose the Kizh Nation and District deem appropriate, including educational, cultural, and/or historical purposes.	District, Construction Contractor, Gabrieleño Band of Mission Indians – Kizh Nation, and Kizh Monitor/ Archaeologist	Upon discovery of tribal cultural resources during ground-disturbing activities	District	
TCR-3	**Unanticipated Discovery of Human Remains and Associated Funerary or Ceremonial Objects** • Native American human remains are defined in PRC § 5097.98(d)(1) as inhumation or cremation, in any state of decomposition or skeletal completeness. Funerary objects (referred to as "associated grave goods" in PRC § 5097.98) shall also be treated in accordance with this statute. • If Native American human remains and/or grave goods are discovered or recognized on the Project Site, PRC § 5097.9 and HSC § 7050.5 shall be followed. • Human remains and grave/burial goods shall be treated pursuant to PRC §§ 5097.98(d)(1) and (2).	District, Construction Contractor, Gabrieleño Band of Mission Indians – Kizh Nation, and Kizh Monitor/ Archaeologist	Upon discovery or recognition of Native American human remains and/or grave goods on the Project Site	District	

Mitigation Measures		Party Responsible for Implementation	Timing	Party Responsible for Monitoring	Monitoring (Signature and Date Required)
	• If preservation on site is the Kizh Nation's preferred treatment for discovered human remains and/or burial goods, the District will identify a suitable location on site for the remains/burial goods to be interned. • Any discovery of human remains or burial goods shall be kept confidential to prevent further disturbance.				

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

Date: July 2, 2026

Subject: **Response to Comments on the Public Review of Centennial High School Modernization Project Initial Study | Mitigated Negative Declaration**

This document contains responses to the comments that the Compton Unified School District (Lead Agency) received on the Public Review of the Initial Study | Mitigated Negative Declaration (MND) for the Centennial High School Modernization Project (SCH No. 2026051084) during the public review period, which began May 29, 2026, and closed on June 29, 2026.

This document has been prepared in accordance with California Environmental Quality Act (CEQA) as amended (Public Resources Code Section 21000 et seq.) and the Guidelines for Implementation of the California Environmental Quality Act (State CEQA Guidelines) (Cal. Code Regs., tit. 14, § 15000 et seq.) and represents the independent judgment of the Lead Agency. This document, together with the Public Review MND and the Mitigation Monitoring and Reporting Program comprise the Final MND.

The following public comments were submitted to the Compton Unified School District during the public review period:

A. Department of Toxic Substances Control, Dated May 29, 2026 (3 pages)
B. G3 Urban, Dated June 29, 2026 (1 page)

The public comments and responses to comments are included in the public record and are available to the Lead Agency decision-makers for their review and consideration prior to making their decision whether to approve the proposed Project. Pursuant to State CEQA Guidelines Section 15074(b), *Consideration and Adoption of a Negative Declaration or Mitigated Negative Declaration*, none of the comments provide substantial evidence that the Project will have significant environmental effects which would require preparation of an Environmental Impact Report. Further, none of the information in the letters or responses constitute the type of significant new information that requires recirculation of the Centennial High School Modernization Project MND for further public review under State CEQA Guidelines Section 15073.5, *Recirculation of a Negative Declaration Prior to Adoption*. None of this new material indicates that the Project will result in a significant new environmental impact not previously disclosed in the Centennial High School Modernization Project MND. Additionally, none of this information indicates that there would be a substantial increase in the severity of a previously identified environmental impact that will not be mitigated, or that there would be any of the other circumstances requiring recirculation described in State CEQA Guidelines Section 15073.5.

Although State CEQA Guidelines Section 15088 does not require a Lead Agency to prepare written responses to comments received, the Compton Unified School District has elected to prepare the following written responses with the intent of providing a comprehensive and meaningful evaluation of the proposed Project. The number designations in the responses are correlated to the bracketed and identified portions of each comment letter.

File: Attachment 2 - July 2 2026 Response_to_Comments

Letter A

Department of Toxic Substances Control

Yana Garcia
Secretary for
Environmental Protection

Katherine M. Butler, MPH, Director
8800 Cal Center Drive
Sacramento, California 95826-3200
dtsc.ca.gov

Gavin Newsom
Governor

SENT VIA ELECTRONIC MAIL

May 29, 2026

Shannon Soto, Ed.D.
Chief Administrative Officer
Compton Unified School District
501 South Santa Fe Avenue
Compton, CA 90221
ssoto@compton.k12.ca.us

RE: MITIGATED NEGATIVE DECLARATION FOR THE CENTENNIAL HIGH SCHOOL MODERNIZATION PROJECT DATED MAY 27, 2026, STATE CLEARINGHOUSE NUMBER 2026051084

Dear Shannon Soto,

The Department of Toxic Substances Control (DTSC) reviewed the Mitigated Negative Declaration (MND) for the Centennial High School Modernization Project (Project). The Compton Unified School District proposes the Centennial High School Modernization Project at Centennial High School in the City of Compton. The purpose of the Proposed Project is to modernize and redevelop the existing campus to improve educational, athletic, and support facilities. The Proposed Project would involve demolition of existing permanent and portable school buildings, facilities, and athletic improvements and construction of new academic, administrative, athletic, and support facilities over an approximate four-year construction period. Proposed improvements would include a new administration building, academic building, performing arts center, gymnasium, aquatic center, dining and career technical education building, field house, replacement athletic facilities, parking lots, and associated landscape, circulation, utility, accessibility,

A-1

and stormwater improvements. DTSC recommends and requests consideration of the following comments: A-1

1. If the Compton Unified School District (District) plans to use California Department of Education (CDE) State funds for the Project, then the District shall comply with the requirements of Education Code (EDC), §17210, §17213.1, and §17213.2, unless otherwise specifically exempted under §17268. If the District is not using CDE State funds for the Project or is otherwise specifically exempt under §17268, DTSC recommends the District continue to investigate, clean up the Site under the oversight of Los Angeles County and in concurrence with all applicable DTSC guidance documents, if necessary. For more information on the CDE State funding, please visit the Office of Public-School Construction webpage. A local education agency may also voluntarily request the CDE site/plan approval for locally funded site acquisitions and new construction projects. In these cases, CDE will require DTSC to review and approve prior to its final approval, except when exempt under section 17268. A-2
2. DTSC recommends all imported soil/fill material be tested to ensure all COCs meet screening levels as outlined in DTSC's PEA Guidance Manual. Furthermore, DTSC advises referencing the DTSC Information Advisory Clean Imported Fill Material Fact Sheet if importing fill is necessary. To minimize the possibility of introducing contaminated soil/fill material there should be documentation of the origins of the soil/fill material and, if applicable, sampling be conducted to ensure that the imported soil/fill material are suitable for the intended land use. The soil sampling should include analysis based on the source of the soil/fill and knowledge of prior land use. A-3

DTSC would like to thank you for the opportunity to comment on the MND for the Centennial High School Modernization Project. Thank you for your assistance in protecting California's people and environment from the harmful effects of toxic substances. A-4

If you would like to proceed with DTSC's school environmental review process, please visit DTSC's Evaluating & Clean-up School 3-Step Process to begin a Phase I Environmental Site Assessment. If you have any questions or would like clarification on DTSC's comments, please respond to this letter or via our CEQA Review email for additional guidance. A-4

Sincerely,

Dave Kereazis

Dave Kereazis
Associate Environmental Planner
HWMP-Permitting Division – CEQA Unit
Department of Toxic Substances Control
Dave.Kereazis@dtsc.ca.gov

cc: (via email)

Governor's Office of Land Use and Climate Innovation
State Clearinghouse
state.clearinghouse@lci.ca.gov

Barbara Heyman
Principal, Environmental Planner
Terraphase Engineering Inc. / Consulting Firm
barbara.heyman@terraphase.com

Tamara Purvis
Associate Environmental Planner
HWMP - Permitting Division – CEQA Unit
Department of Toxic Substances Control
Tamara.Purvis@dtsc.ca.gov

Scott Wiley
Analyst II
HWMP - Permitting Division – CEQA Unit
Department of Toxic Substances Control
Scott.Wiley@dtsc.ca.gov

Response to Comment Letter A: Department of Toxic Substances Control (DTSC)

Comment A-1: The comment provides a description of the proposed Project.

Response to Comment A-1: The summarized project description is accurate and does not concern the environmental analysis in the MND. No additional response is required.

Comment A-2: The comment states that if the Project will use State funding, the District must comply with applicable Education Code requirements for school site approval unless exempt. For locally funded or exempt projects, DTSC recommends that any necessary site investigation and cleanup proceed under Los Angeles County oversight in accordance with applicable DTSC guidance.

Response to Comment A-2: The comment is noted. The proposed Project does not involve acquisition of new property. The proposed Project would be implemented on an existing high school campus. The District prepared a Phase I Environmental Site Assessment and Preliminary Environmental Assessment (PEA) for the Proposed Project Site. The PEA was included as Appendix E of the MND. The District will cleanup the Proposed Project Site in concurrence with applicable DTSC guidance documents. Additionally, as discussed on page 99 of the MND, cleanup will also be in accordance with a site-specific Health and Safety Plan as required by the United States Occupational Health and Safety Administration Standard “Hazardous Waste Operations and Emergency Response” guidelines (29 CFR § 1910.120) and by California Division of Occupational Safety and Health “Hazardous Waste Operations and Emergency Response” guidelines (8 CCR § 5192). If the District approves the proposed Project, they will also be required to adopt Mitigation Measure HAZ-1 to manage contaminated soils and dust control in the event additional contaminated soils are identified during grading activities.

Comment A-3: The comment states that DTSC recommends testing imported soil/fill, documenting its source, and, as appropriate, sampling it to ensure it meets applicable screening levels and is suitable for the intended land use.

Response to Comment A-3: The District agrees that all imported soil or fill required during construction activities will be tested as recommended in the *DTSC Information Advisory Clean Imported Fill Material Fact Sheet* and compared to residential screening levels specified in the DTSC PEA Guidance Manual. The import fill source areas and testing results will be documented.

Comment A-4: The comment states that DTSC appreciates the opportunity to review the MND and, if the District chooses to pursue DTSC's school environmental review process, directs the District to follow DTSC's School Environmental Review Process and contact DTSC with any questions regarding its comments.

Response to Comment A-4: The comment is noted. The District appreciates DTSC's review of the proposed Project and its comments. The District has considered and responded to DTSC comments, as appropriate.

Letter B

June 29, 2026

VIA EMAIL AND U.S. MAIL

Shannon Soto, Ed.D.
Chief Administrative Officer
Compton Unified School District
501 South Santa Fe Avenue
Compton, CA 90221
ssoto@compton.k12.ca.us

Re: Unconditional Support for the Centennial High School Modernization Project

Dear Dr. Soto:

On behalf of G3 Urban, I am pleased to submit this letter of unconditional support for the approval and implementation of the Compton Unified School District's Centennial High School Modernization Project.

G3 Urban supports the District's efforts to modernize the Centennial High School campus and provide improved academic, athletic, and support facilities for students, staff, families, and the surrounding community. As the proponent of the Compton 60 residential development project, which is located near Centennial High School, G3 Urban recognizes the importance of coordinated investment in high-quality educational facilities and new housing opportunities within the City of Compton. G3 Urban therefore supports the District's consideration and approval of the Centennial High School Modernization Project without reservation. B-1

G3 Urban respectfully encourages the Compton Unified School District, including the Board of Trustees and District staff, to proceed with consideration and approval of the Centennial High School Modernization Project in accordance with applicable law. G3 Urban further supports the District's continued efforts to enhance the educational environment at Centennial High School and to deliver modernized facilities that will serve the school community for years to come.

Please include this letter in the administrative record for the Centennial High School Modernization Project.

Sincerely,

G3 Urban

By: _____
Jordan Gardner, President

19750 S Vermont Ave., Suite 120, Torrance, CA 90502 • www.G3Urban.com

Response to Comment Letter B: G3 Urban

Comment B-1: The comment states that G3 Urban offers unconditional support for the Centennial High School Modernization Project, stating that the Project will enhance educational, athletic, and support facilities for students and the surrounding community. As the developer of a nearby residential project, G3 Urban recognizes the value of coordinated investment in schools and housing and encourages the Compton Unified School District to approve and implement the Project.

Response to Comment B-1: The comment is noted and will be considered by the District Board of Education. No additional response is required.

Addendum 04 / EXHIBIT 14 Approved Mitigated Negative Declarations

Notice of Determination

Appendix D

To:

☒ Office of Planning and Research

U.S. Mail:	*Street Address:*
P.O. Box 3044	1400 Tenth St., Rm 113
Sacramento, CA 95812-3044	Sacramento, CA 95814

☒ County Clerk
County of: Los Angeles
Address: 12400 Imperial Hwy, Rm 1201 (1st Fl)
Norwalk, CA 90650

From:
Public Agency: Compton Unified School District
Address: 501 South Santa Fe Avenue
Compton, California 90221
Contact: Shannon Soto, Ed.D. Chief Administrat
Phone: (310) 639-4321 ext. 55086

Lead Agency (if different from above):
Address:
Contact:
Phone:

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2026051084

Project Title: Centennial High School Modernization Project

Project Applicant: Compton Unified School District

Project Location (include county): 2606 North Central Ave., Compton, Los Angeles County, CA 90222

Project Description:

The Project involves modernizing and reconstructing the existing high school campus to improve educational, athletic, and support facilities. Existing improvements would be demolished and new facilities would be constructed over an approximate four-year construction period, from approximately August 2026 to August 2030. See attached Resolution.

This is to advise that the Compton Unified School District has approved the above
(☒ Lead Agency or ☐ Responsible Agency)

described project on July 21, 2026 (date) and has made the following determinations regarding the above described project.

1. The project [☐ will ☒ will not] have a significant effect on the environment.
2. ☐ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
   ☒ A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [☒ were ☐ were not] made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [☒ was ☐ was not] adopted for this project.
5. A statement of Overriding Considerations [☐ was ☒ was not] adopted for this project.
6. Findings [☒ were ☐ were not] made pursuant to the provisions of CEQA. See attached Resolution.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at:
501 South Santa Fe Avenue, Compton CA 90221

Signature (Public Agency): _____ Title: _____

Date: _____ Date Received for filing at OPR: _____

Authority cited: Sections 21083, Public Resources Code.
Reference Section 21000-21174, Public Resources Code.

Revised 2011

Addendum 04 / EXHIBIT 15 Tree Inventory Report

CENTENNIAL HIGH SCHOOL

COMPTON, CA.

TREE INVENTORY REPORT

Prepared for: Compton Unified School District

501 S. Santa Fe Ave

Compton, CA. 90221

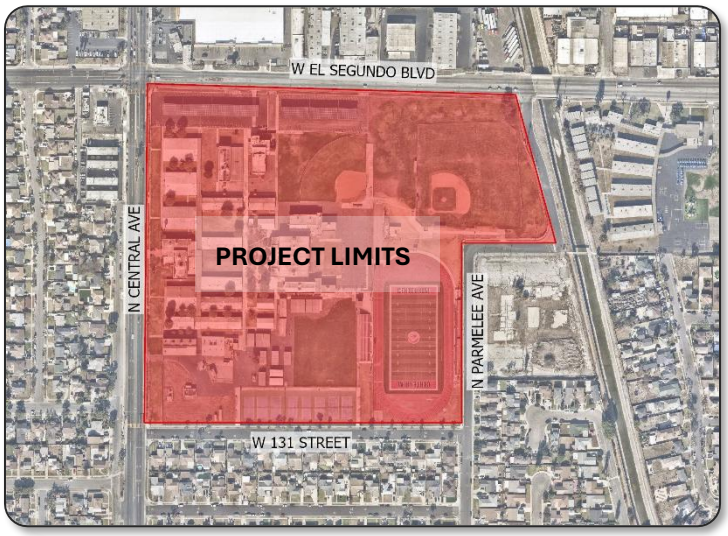
Contact: Shannon Soto, Email: ssoto@compton.k12.ca.us

Prepared by: Kimley-Horn & Associates, Inc.

401 B Street Suite 600

San Diego, CA. 92101

Arborist: Joe Cogswell, ISA Certified Arborist IL-9736A, PLA# 6303
Project Manager: Corey Cameron PLA #6625, Direct Line: 619-744-0158; Email: corey.cameron@kimley-horn.com



N.T.S

May 8, 2025

Kimley»Horn

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1.0 INTRODUCTION

The purpose of this report is to document the existing trees on the property located at 2606 N Central Ave. (hereinafter referred to as the "project site") that are subject to regulation under the California Environmental Quality Act and to serve as an assessment to tree preservation and mitigation planning as they may relate to the proposed development.

This report provides the evaluation criteria, locations and assessed condition of the various trees located on the project site based on a field survey performed by Kimley-Horn with supervision by Joe Cogswell, Certified Arborist IL-9736A and Licensed Landscape Architect #6303. The site analysis and field survey took place on April 9th, 2025, from 9 am – 4pm. The weather was sunny and approximately 80 degrees. The tree inventory evaluated 65 trees including 10 different species of trees.

1.1 PROJECT LOCATION

The project site Centennial High School, 2606 N Central Ave., within the Compton Unified School District, located in the City of Compton in Los Angeles County. The site is bounded by West El Segundo Boulevard to the north, North Parmelee Avenue to the east, and West 131st Street to the south. Residential development is located to the south, west and east of the project site, and industrial development is located to the north of the site.

1.2 REGULATORY BACKGROUND

This Tree Report has been prepared in accordance with the California Environmental Quality Act (CEQA), which requires public agencies to evaluate the potential environmental impacts of proposed projects, including impacts to biological resources such as trees. CEQA Guidelines (14 CCR §15000 et seq.) identify the loss of healthy, mature, or native trees as a potential significant impact. In addition, local ordinances and policies, such as [insert city/county name]'s Protected Tree Ordinance or Urban Forestry Management Plan, may afford additional protection to specific tree species based on size, species, or location. This report identifies trees on the project site, evaluates their condition, and assesses potential impacts in the context of CEQA and applicable local regulations. Mitigation measures are proposed as necessary to reduce significant impacts to less-than-significant levels.

1.3 PROJECT DESCRIPTION

The proposed project involves the redevelopment of the project site with a complete overhaul modernization of the existing campus by the property owners, Compton Unified School District (the District). It is anticipated that the District will demolish the entirety of the 10.5-acre campus to provide a fresh modernized campus for students and staff. Appropriate screening and landscaping will be provided per the City of Compton Municipal Zoning Ordinance. The trees identified within this report to be removed and replaced will allow for the modernization and site improvements.

2.0 METHODS

Ground observations were made at the project site by professionally qualified Kimley-Horn staff, directed by Joe Cogswell Certified Arborist (International Society of Arboriculture [ISA] Certificate Number (IL-9736A) on April 9, 2025. This tree inventory report includes an inventory of trees within the project site boundaries, as well as trees located with the public right-of-way. The locations of all such trees were recorded utilizing ESRI Arc GIS Field Maps utilizing cellular data (with an error-in-location potential of not greater than three meters). Using the ESRI's Arc GIS Field Maps, Trees were located, documented, and given a tree ID # number ranging from 1 to 65 (affixing tree ID tags to the trees was not performed). During the tree inventory attributes that were collected included the condition of each tree, latitude and longitude, trunk diameter at breast height, tree size, condition, and visual observation assessment of the tree structure, vigor & aesthetics. The collected tree observations are included in appendix A, Tree Survey Data Summary.

2.1 TREE TRUNK DIAMETER

Using a diameter measuring tape, trunk diameter at breast height (DBH) was measured 54 inches above root crown. For multi-trunk trees, each trunk was measured separately and then summed up together to determine the tree's total DBH.

2.2 TREE HEIGHT AND CANOPY

The height of each tree was estimated from root crown to the top of the highest branch. The diameter of each tree's canopy was estimated at its widest point.

2.3 TREE AESTHETICS

The attributes of each tree were observed and compared to an archetype tree (considered excellent on all points mentioned below) of the same species. Tree aesthetics were evaluated with respect to overall form and symmetry, crown balance, structural branching patterns, and broken/damaged branches. Additionally, aesthetic values were also determined by location and function of use for tree. Moreover, high aesthetic ratings were given to heritage and significant tree species. The trees observed were rated on a scale of A to D, as follows:

D) Poor: A reasonable evaluation of poor would include unsymmetrical, unbalanced crown, poor branching pattern, large amount broken branches, unfit location and functional use.

C) Fair: A reasonable evaluation of fair would include unsymmetrical, balanced crown, fair branching pattern, fair amount broken branches, fair location and functional use.

B) Good: A reasonable evaluation of goods would include good symmetry, balanced crown, good branching pattern, minimal broken branches, good location and functional use.

A) Excellent: A reasonable evaluation of excellent would include symmetrical, balanced crown, excellent branching pattern, no broken branches, excellent location and functional use.

2.4 TREE CONDITION

The condition of each tree was assessed based on guidelines developed by the Council of Tree and Landscape Appraisers (2020).

Collected Attribute Data **|** Five (5) condition classes were assessed based on visual observations of attributes to each tree as listed below:

- Root zone (structure and condition)
- Trunk (structure and condition)
- Scaffold branches (structure and condition)
- Twigs (condition only)
- Foliage (condition only).

Condition Class **|** ***Each*** condition class was assessed and rated on a scale of A to D as listed below:
A: Excellent
B: Good
C: Fair
D: Poor

Condition Class Point Scale **|** The condition class point scale is as listed below:
1: Excellent (10pts)
2: Good (8pts)
3: Fair (6pts)
4: Poor (4pt)

The sum of the Condition Class Points scores for each of the Collected Attribute Data are divided by the total number of points possible (50) and a final score is determined, represented as a percentage between 0 percent and 100 percent. The tree condition assessment was translated to letter scores as required by the City of Compton Tree Ordinance as follows:

- 81–100 percent: “A” (Excellent)
- 61–80 percent: “B” (Good)
- 41–60 percent: “C” (Fair)
- 40 percent or less: “D” (Poor)

The condition assessment generally considered visual observations of vigor, such as the amount of foliage; leaf color and size; presence of branch or twig dieback; severity of insect infestation; the presence of disease; cavities; mechanical damage; absence of root flare, amount of new growth; missing bark; and observations of any compartmentalization of decay in trees. Moreover, branching structure was also visually observed with respect to branch attachment angle, branch dieback, cracks, and any dieback or decline. Additionally, the assessment of tree roots included visual observation of any girdling roots around the tree trunk, visible roots, absence of any root flare, exposed or uplifted roots due to soil erosion and any notable discolored or decayed roots.

3.0 TREE INVENTORY RESULTS

A total of 65 trees were collected in the project tree inventory area, which included the project site and parkway areas immediately adjacent (i.e., within 10 feet) of the project site. A summary of the tree inventories collected in each of these areas consists of the following:

- 41 trees are located within the project site boundary
- 24 trees are located along the southern project boundary, within the public right of way along West 131st Street.

A detailed summary of all of the inventoried trees for this project is provided at the end of the report in Appendix A and their locations are shown respectively in Exhibit A on page 7.

The overall condition of trees on the project site is good to fair. It was observed that the existing trees do not receive supplemental irrigation and appear to receive little to no maintenance. Within the property the dominating species was *Jacaranda mimosifolia*, of varying sizes, ages, and conditions. Many of the *Jacaranda(s)* were in overall fair condition with issues observed including trunk splitting, topped limbs, and shallow exposed root surfacing. Many were not yet in bloom to observe foliage and bud conditions at the time of assessment.

It was observed that there was a monoculture grouping of *Schinus terebinthifolia* planted within the public right way, along West 131st Street. Many of the trees were in overall good condition, although exposed surface roots were observed for most of the trees. Most of the trees along West 131st Street appeared to have been pruned back hard / over pruned due to tree location within close proximity to an existing electrical overhead power utility line.

Observed in the northeast corner of the property are two *Ulmus parvifolia* (tree ID: 39 and 40). Both trees were observed to be in good overall condition. Trunk splitting was observed, however did not appear to affect the overall structural integrity. The approximate age of the trees is over twenty years. They currently provide shade to the sports fields, and positive visual impact to the northeast corner of the site.

The data collected during the April 2025 field survey are provided in Appendix 1. Representative photographs of conditions on the project site are provided in Exhibit B.

Tree Species Identification Summary

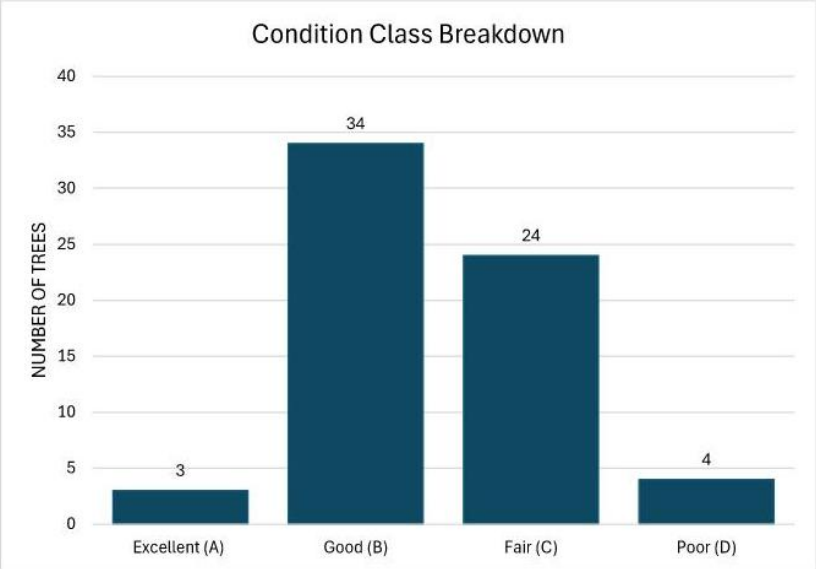
Our inventory revealed 10 species of trees, as detailed in the following table:

Tree Species Identified			
Scientific Name	Common Name	Count	% Distribution Total
Bauhinia Blakeana	Hong Kong Orchid	3	5%
Cupressus macrocarpa	Monterey cypress	2	3%
Ficus mircocarpa 'Nitida'	Indian Laurel	3	5%
Fraxinus uhdei	Shamel Ash	3	5%
Jacaranda mimosifolia	Jacaranda	15	23%
Ligustrum lucidum	Glossy privet	2	3%
Morus alba	White Mulberry	2	3%
Schinus terebinthifolia	Brazilian Peppertree	26	40%
Ulmus parvifolia	Chinese Lacebark Elm	8	12%
Washingtonia robusta	Mexican fan palm	1	2%
Grand Total		**65**	100%

Condition Class

Breakdown of trees as follows:

Condtion Class Breakdown		
Condtion Class	Quanity	% of Total
Excellent (A)	3	5%
Good (B)	34	52%
Fair (C)	24	37%
Poor (D)	4	6%



4.0 TREE DISPOSITION AND MITIGATION

Based on the proposed site design, 63 of the 65 trees are to be removed. 2 trees to remain and be protected in place on the Northeast corner of the site. Trees proposed for removal are listed in Appendix A: Tree Survey Data Summary

It is recommended that trees to remain shall have protection fencing installed around the tree protection zone (TPZ). The TPZ is defined as the larger of the drip line of the tree or the distance from the trunk equal to one (1) foot for each inch of trunk diameter measured at four and half (4.5') feet above existing grade. Limits of tree protection zones shall be staked in the field, prior to demolition and/ or construction activities. A 6ft high construction fence with post sunk in the round shall be erected to enclose the TPZ. The fence is to remain until all site work has been completed. No materials, equipment, or waste may be stored within the TPZ, and any operation to be done within the TPZ shall us the smallest equipment possible.

It is recommended that tree replacement be at a rate of two (2) planted for every one (1) tree removed (2:1 ratio) or per local policy. When selecting plant material for replacement consider planting climate- adapted species suited to site conditions, species that support biodiversity and long-term canopy coverage, and monoculture planted is highly discouraged. Ensure adequate spacing, soil volume, and watering for young trees is provided. The health and stability of planted trees should be monitored. Periodic inspections should be scheduled during construction.

PROPOSED TREE REPLACEMENT RATE (2:1) BASED ON SCHEMATIC DESIGN (See Appendix A for Trees to Be Removed)	
Number Of Trees to Be Removed	**Number Of Trees to Be Provided**
62	**238**

EXHIBIT A: TREE LOCATION MAP

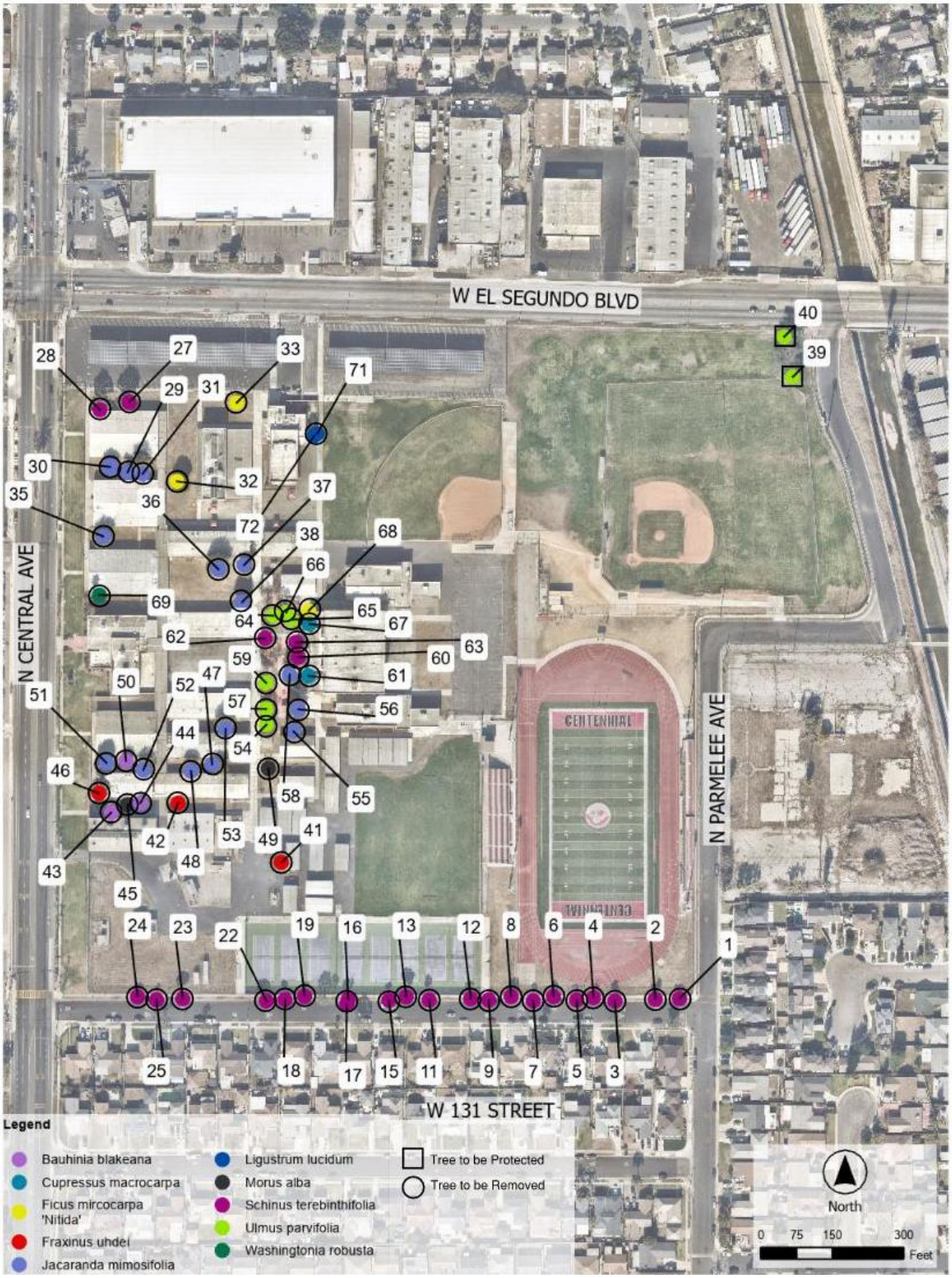


EXHIBIT B: REPRESENTATIVE SITE PHOTOGRAPHS

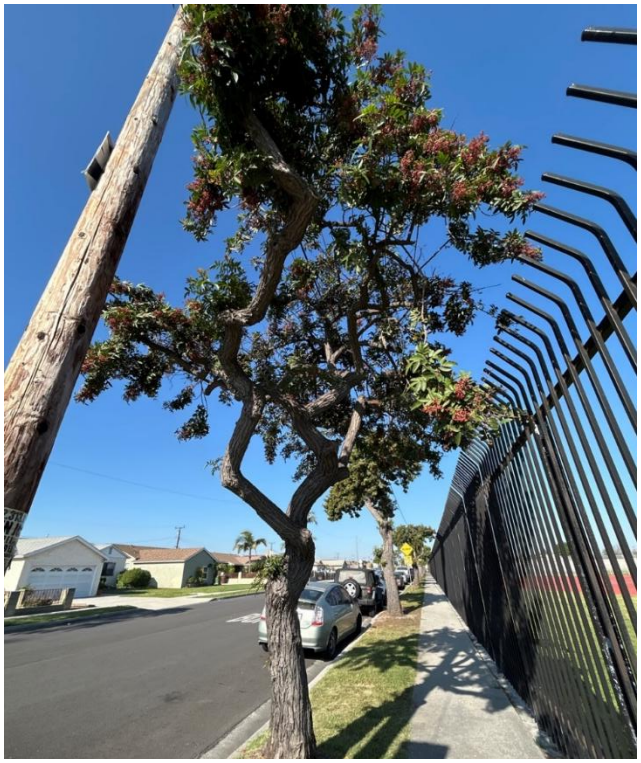


Figure 1: Image of *Schinus terebinthifolia* (Tree ID: 1) located offsite along W 131st Street looking west.

Figure 2: Image of *Schinus terebinthifolia* (Tree ID: 7) with exposed root damage located offsite along w 131st street

Figure 3: Image of *Jacaranda mimosifolia* (Tree ID: 37) with trunk damage located in a central courtyard

Figure 4: Image of *Bauhinia blakeana* (Tree ID: 43) with root damage located in a southern courtyard

Figure 5: Image of *Fraxinus uhdei* (Tree ID:46) located in a southern courtyard

Figure 6: Image of *Ulmus parvifolia* (Tree ID:59) located in a southern courtyard

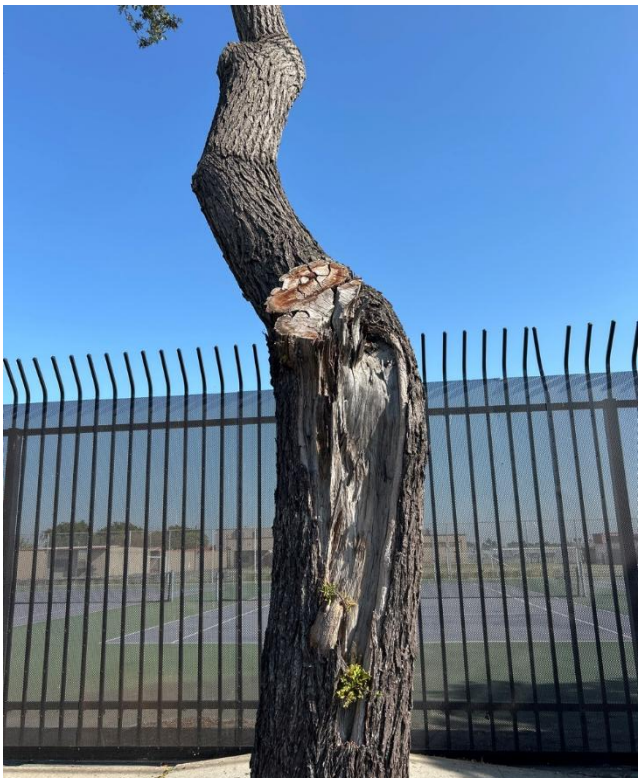


Figure 7: Image of *Schinus terebinthifolia* (Tree ID:13) with trunk and branch damage located along W 131st Street.

Figure 8: Image of *Jacaranda mimosifolia* (Tree ID:36) with surfaced roots and signs of over pruning located within a central

Figure 9: Image of *Schinus terebinthifolia* (Tree ID:60) with exposed roots located in center of the site.

Figure 10: Image of *Schinus terebinthifolia* (Tree ID:60) in center of the site.

Figure 11: Image of *Ulmus Parvifolia* (Tree ID:38) located in northeast corner of the site.

Figure 12: Image of *Ulmus Parvifolia* (Tree ID:39) with trunk and branch damage located in northeast corner of the site.

Figure 13: Image of *Ficus mircocarpa 'Nitida'* (Tree ID:33) with surfaced roots located in north of the site.

Figure 14: Image of *Jacaranda mimosifolia* (Tree ID:53) with trunk damage located in center of the site.

Figure 15: Image of *Ulmus Parvifolia* (Tree ID:54) with trunk damage located in center of the site.

Figure 16: Image of *Jacaranda mimosifolia* (Tree ID::31) with codominant stems, and sign of over pruning, located in a northern courtyard.

Figure 17: Image of *Fraxinus uhdei* (Tree ID:41) with surfaced roots located in a southern courtyard.

Addendum 04 / EXHIBIT 15 Tree Inventory Report

APPENDIX A: Tree Survey Data Summary

	TREE SPECIES		CONDITION RATING (POOR-EXCELLENT)													
Tree ID	Common Name	Scientific Name	# Main Trunks	D.B.H. (in)	Height (ft)	Canopy Diameter (ft)	Aesthetic Rating	Roots	Trunk	Branches	Small Branch and Twigs	Foliage and/or Buds	Overall Points	Overall Condition Rating (%)	Letter Score	Tree To Be Removed Yes (Y) or No (N)
1	Brazilian Peppertree	Schinus terebinthifolia	1	10	15	15	A	Good	Good	Good	Good	Excellent	42	84	A	Y
2	Brazilian Peppertree	Schinus terebinthifolia	1	16	25	15	B	Good	Good	Good	Good	Good	40	80	B	Y
3	Brazilian Peppertree	Schinus terebinthifolia	1	15.5	22	15	B	Good	Good	Good	Good	Good	40	80	B	Y
4	Brazilian Peppertree	Schinus terebinthifolia	1	8	20	10	C	Good	Good	Good	Good	Excellent	42	84	A	Y
5	Brazilian Peppertree	Schinus terebinthifolia	1	13.5	15	15	C	Good	Fair	Fair	Fair	Poor	30	60	C	Y
6	Brazilian Peppertree	Schinus terebinthifolia	1	8	20	15	A	Good	Excellent	Excellent	Excellent	Excellent	48	96	A	Y
7	Brazilian Peppertree	Schinus terebinthifolia	1	11	18	10	A	Fair	Good	Good	Good	Good	38	76	B	Y
8	Brazilian Peppertree	Schinus terebinthifolia	1	13	20	20	B	Good	Fair	Fair	Fair	Good	34	68	B	Y
9	Brazilian Peppertree	Schinus terebinthifolia	1	5	10	10	A	Good	Good	Good	Good	Good	32	64	B	Y
11	Brazilian Peppertree	Schinus terebinthifolia	1	13	20	10	B	Fair	Poor	Fair	Good	Good	32	64	B	Y
12	Brazilian Peppertree	Schinus terebinthifolia	1	9	20	15	C	Good	Good	Good	Good	Good	40	80	B	Y
13	Brazilian Peppertree	Schinus terebinthifolia	1	21	25	15	C	Poor	Poor	Good	Fair	Good	30	60	C	Y
15	Brazilian Peppertree	Schinus terebinthifolia	1	10	15	10	A	Good	Fair	Good	Fair	Good	36	72	B	Y
16	Brazilian Peppertree	Schinus terebinthifolia	1	13	25	20	C	Fair	Good	Good	Fair	Good	36	72	B	Y
17	Brazilian Peppertree	Schinus terebinthifolia	1	20	25	25	A	Poor	Good	Good	Good	Good	36	72	B	Y
18	Brazilian Peppertree	Schinus terebinthifolia	1	11	18	10	B	Fair	Good	Good	Fair	Good	36	72	B	Y
19	Brazilian Peppertree	Schinus terebinthifolia	1	13	20	10	B	Poor	Good	Good	Fair	Good	34	68	B	Y
22	Brazilian Peppertree	Schinus terebinthifolia	1	14.5	20	15	A	Fair	Fair	Good	Good	Good	36	72	B	Y
23	Brazilian Peppertree	Schinus terebinthifolia	1	17	25	15	B	Poor	Good	Good	Fair	Good	34	68	B	Y
24	Brazilian Peppertree	Schinus terebinthifolia	1	12	20	20	B	Poor	Good	Good	Good	Good	36	72	B	Y
25	Brazilian Peppertree	Schinus terebinthifolia	1	8	15	8	C	Good	Fair	Fair	Poor	Fair	30	60	C	Y
27	Brazilian Peppertree	Schinus terebinthifolia	2	30	30	30	A	Good	Good	Good	Good	Good	40	80	B	N
28	Brazilian Peppertree	Schinus terebinthifolia	1	29	25	20	A	Poor	Fair	Fair	Good	Good	32	64	B	N
29	Jacaranda	Jacaranda mimosifolia	2	15	20	10	B	Poor	Fair	Good	Fair	Good	32	64	B	Y
30	Jacaranda	Jacaranda mimosifolia	3	12	20	25	B	Fair	Good	Good	Good	Fair	36	72	B	Y
31	Jacaranda	Jacaranda mimosifolia	1	24	20	15	B	Poor	Poor	Poor	Fair	Good	26	52	C	Y
32	Indian Laurel	Ficus mircocarpa nitida	1	17.5	20	20	A	Poor	Good	Good	Good	Good	36	72	B	Y
33	Indian Laurel	Ficus mircocarpa nitida	1	7.5	9	10	B	Fair	Fair	Good	Good	Good	36	72	B	Y
35	Jacaranda	Jacaranda mimosifolia	1	14	30	20	C	Good	Good	Fair	Poor	Poor	30	60	C	Y
36	Jacaranda	Jacaranda mimosifolia	1	21.5	25	20	C	Poor	Good	Fair	Fair	Poor	28	56	C	Y
37	Jacaranda	Jacaranda mimosifolia	1	15.5	25	20	D	Poor	Poor	Fair	Good	Good	30	60	C	Y
38	Jacaranda	Jacaranda mimosifolia	1	16	25	20	D	Poor	Poor	Poor	Poor	Fair	22	44	C	Y
39	Chinese Lacebark Elm	Ulmus parvifolia	1	25.5	30	40	A	Good	Good	Fair	Fair	Good	36	72	B	N
40	Chinese Lacebark Elm	Ulmus parvifolia	1	23	30	30	B	Poor	Poor	Good	Good	Good	32	64	B	N
41	Shamel Ash	Fraxinus uhdei	1	24	25	15	B	Fair	Good	Good	Good	Poor	34	68	B	Y
42	Shamel Ash	Fraxinus uhdei	1	12	15	10	C	Poor	Fair	Fair	Fair	Good	30	60	C	Y
43	Hong Kong Orchid	Bauhinia Blakeana	1	5	15	10	B	Good	Fair	Fair	Fair	Fair	32	64	B	Y
44	Hong Kong Orchid	Bauhinia Blakeana	1	8	15	15	A	Good	Fair	Poor	Good	Fair	32	64	B	Y
45	White Mulberry	Morus alba	4	18	20	20	C	Poor	Poor	Fair	Good	good	30	60	C	Y
46	Shamel Ash	Fraxinus uhdei	3	57.5	50	30	D	Poor	Poor	Fair	Fair	Good	28	56	C	Y
47	Jacaranda	Jacaranda mimosifolia	1	14	20	15	D	Poor	Poor	Poor	Fair	Poor	22	44	C	Y
48	Jacaranda	Jacaranda mimosifolia	1	17	20	15	C	Fair	Fair	Fair	Fair	Fair	30	60	C	Y
49	White Mulberry	Morus alba	3	16	15	15	C	Good	Fair	Fair	Good	Good	36	72	B	Y
50	Hong Kong Orchid	Bauhinia Blakeana	1	12	25	10	C	Poor	Poor	Good	Good	Poor	28	56	C	Y
51	Jacaranda	Jacaranda mimosifolia	1	9	15	10	D	Poor	Poor	Poor	Poor	Poor	20	40	D	Y
52	Jacaranda	Jacaranda mimosifolia	1	15	20	15	C	Poor	Fair	Fair	Fair	Fair	28	56	C	Y
53	Jacaranda	Jacaranda mimosifolia	1	18	25	20	C	Poor	Fair	Fair	Fair	Poor	26	52	C	Y
54	Chinese Lacebark Elm	Ulmus parvifolia	1	22	30	25	C	Poor	Poor	Poor	Poor	Good	24	48	C	Y
55	Jacaranda	Jacaranda mimosifolia	1	13	15	15	C	Good	Fair	Fair	Fair	Poor	30	60	C	Y
56	Jacaranda	Jacaranda mimosifolia	1	15	20	15	C	Poor	Poor	Fair	Fair	Poor	24	48	C	Y
57	Chinese Lacebark Elm	Ulmus parvifolia	1	22	30	25	A	Poor	Fair	Fair	Good	Excellent	34	68	B	Y
58	Jacaranda	Jacaranda mimosifolia	1	13	20	15	D	Poor	Poor	Poor	Fair	Poor	24	48	C	Y
59	Chinese Lacebark Elm	Ulmus parvifolia	1	24	30	25	B	Poor	Fair	Good	Good	Good	34	68	B	Y
60	Brazilian Peppertree	Schinus terebinthifolia	1	24	20	15	C	Poor	Poor	Fair	Fair	Good	28	56	C	Y
61	Monterey cypress	Cupressus macrocarpa	1	14	15	10	D	Poor	Poor	Poor	Poor	Poor	20	40	D	Y
62	Brazilian Peppertree	Schinus terebinthifolia	1	32	25	15	D	Poor	Poor	Poor	Poor	Good	24	48	C	Y
63	Brazilian Peppertree	Schinus terebinthifolia	1	17.5	30	20	B	Poor	Fair	Good	Good	Good	34	68	B	Y
64	Chinese Lacebark Elm	Ulmus parvifolia	1	19	25	20	C	Fair	Poor	Fair	Good	Good	32	64	B	Y
65	Chinese Lacebark Elm	Ulmus parvifolia	1	22	35	40	C	Good	Fair	Poor	Poor	Good	30	60	C	Y
66	Chinese Lacebark Elm	Ulmus parvifolia	1	19	30	25	C	Fair	Fair	Fair	Fair	Good	32	64	B	Y
67	Monterey cypress	Cupressus macrocarpa	1	15	15	10	C	Fair	Poor	Poor	Poor	Poor	22	44	C	Y
68	Indian Laurel	Ficus mircocarpa nitida	2	6	10	5	D	Good	Poor	Poor	Poor	Good	26	52	C	Y
69	Mexican fan palm	Washingtonia robusta	1		50	10	D	Poor	Poor	Poor	Poor	Poor	20	40	D	Y
71	Glossy privet	Ligustrum lucidum	1	11.5	15	10	C	Good	Poor	Fair	Poor	Good	30	60	C	Y
72	Glossy privet	Ligustrum lucidum	1	9	20	10	D	Poor	Poor	Poor	Poor	Poor	16	32	D	Y