EAST BAY MUNICIPAL UTILITY DISTRICT

REQUEST FOR PROPOSAL (RFP)

for Residuals Hauling and Disposal

ADDENDA

Prospective bidders are responsible for reviewing any published addenda regarding this bid at ebmud.com/business-center

CONTACT

Kevin Dickison, Wastewater Treatment Superintendent
(510) 287-1502
kevin.dickison@ebmud.com

RESPONSE DUE

September 8, 2025
4:00 p.m. PST

*SUBMIT ELECTRONICALLY TO**

Kevin Dickison, EBMUD
kevin.dickison@ebmud.com
**Hardcopy proposals will not be accepted*

EAST BAY MUNICIPAL UTILITY DISTRICT

RFP for Residuals Hauling and Disposal

TABLE OF CONTENTS

I. STATEMENT OF WORK

A. SCOPE

It is the intent of these specifications, terms, and conditions to describe residuals hauling and disposal services.

East Bay Municipal Utility District (District) intends to award a three-year contract (with two options to renew for one-year terms) to the Proposer(s) who best meets the District's requirements.

The scope of this project is to haul and dispose of wastewater grit, screenings, scum, and food waste pomace from the District's Wastewater Facilities. Throughout this RFP, these materials will be collectively referred to as residuals.

B. PROPOSER QUALIFICATIONS

Proposer shall possess all permits, licenses, and professional credentials necessary to perform services as specified under this RFP. Proposer, Proposer's principal, or Proposer's staff shall have been regularly engaged in the business of providing reliable hauling services for at least two (2) years.

All workers employed by the Contractor and subcontractors shall be competent and skilled in the performance of the work to which they are assigned. Failure or delay in the performance of this contract due to any inability by the Contractor, for any reason, to obtain employees of the number and skill required may be deemed by the District to constitute a default of this contract.

If a person employed to perform work by the Contractor shall be considered by the District to be incompetent, negligent, unfaithful, or otherwise unsatisfactory, he or she shall be removed from the performance of work under this contract. Removed persons shall not again be employed on the work under this contract except with the prior consent of the District; provided, this paragraph shall be interpreted and enforced in such a manner as will respect and give effect to agreements on such subject between the Contractor and the union representing any or all of its employees.

The Contractor shall provide operating and safety training for all personnel. Supervisory personnel shall be trained in first aid and each vehicle shall be equipped with a first aid kit. The Contractor will include drug tests of the drivers consistent with State and Federal Department of Transportation requirements during the duration of this contract. All safety rules will be observed including those imposed at specific sites.

C. SPECIFIC REQUIREMENTS

See Exhibit E - Specific Requirements.

II. CALENDAR OF EVENTS

EVENT	DATE/LOCATION
RFP Issued	August 18, 2025
Response Due	September 8, 2025 by 4:00 p.m.
Anticipated Contract Start Date	November 26, 2025

Note: All dates are subject to change **by District**.

Proposers are responsible for reviewing **https://www.ebmud.com/business-center/requests-proposal-rfps/** for any published addenda. Hard copies of addenda will not be mailed out.

III. DISTRICT PROCEDURES, TERMS, AND CONDITIONS

A. RFP ACCEPTANCE AND AWARD

1. RFP responses will be evaluated by the Selection Committee and will be scored and ranked in accordance with the RFP section entitled "Evaluation Criteria/Selection Committee."

2. The Selection Committee will recommend award to the Proposer who, in its opinion, has submitted the RFP response that best serves the overall interests of the District. Award may not necessarily be made to the Proposer with the lowest overall cost.

3. The District reserves the right to award to a single or to multiple General or Professional Service Providers, dependent upon what is in the best interest of the District.

4. The District has the right to decline to award this contract or any part of it for any reason.

5. Any specifications, terms, or conditions issued by the District, or those included in the Proposer's submission, in relation to this RFP, may be incorporated into any purchase order or contract that may be awarded as a result of this RFP.

6. Award of contract. The District reserves the right to reject any or all proposals, to accept one part of a proposal and reject the other, unless the proposer stipulates to the contrary, and to waive minor technical defects and administrative errors, as the interest of the District may require. Award will be made, or proposals rejected by the District as soon as possible after proposals have been opened.

B. EVALUATION CRITERIA/SELECTION COMMITTEE

All proposals will be evaluated by a Selection Committee. The Selection Committee may be composed of District staff and other parties that have expertise or experience in this type of procurement. The Selection Committee will select a Proposer in accordance with the evaluation criteria set forth in this RFP. The evaluation of the RFP responses shall be within the sole judgment and discretion of the Selection Committee.

The Selection Committee will evaluate each RFP response meeting the qualification requirements set forth in this RFP. Proposer should bear in mind that any RFP response that is unrealistic in terms of the technical or schedule commitments, or unrealistically high or low in cost, will be deemed reflective of an inherent lack of technical competence or indicative of a failure to comprehend the complexity and risk of the District's requirements as set forth in this RFP.

RFP responses will be evaluated and scored according to the Evaluation Criteria below and scored according to a zero to five-point scale. The scores for all Evaluation Criteria will then be added to arrive at a weighted score for each RFP response. An RFP response with a high weighted total will be ranked higher than one with a lesser-weighted total.

The Evaluation Criteria are as follows:

	Evaluation Criteria
A.	**Equipment Readiness:** Consideration will be given to the responder's quantity and location of vehicles and containers suitable for this hauling.
B.	**Cost:** The points for Cost will be computed by dividing the amount of the lowest responsive RFP response received by each Proposer's total proposed cost. While not reflected in the Cost evaluation points, an evaluation may also be made of: 1) Reasonableness (i.e., does the proposed pricing accurately reflect the Proposer's effort to meet requirements and objectives?); 2) Realism (i.e., is the proposed cost appropriate to the nature of the products and services to be provided?); and 3) Affordability (i.e., the ability of the District to finance this project). Consideration of price in terms of overall affordability may be controlling in circumstances where two or more RFP responses are otherwise judged to be equal, or when a superior RFP response is at a price that the District cannot afford.
C.	**References (See Exhibit A – RFP Response Packet):** The applicability and content of the responder's references will be evaluated.

	Evaluation Criteria
D.	**Contract Equity Program:** Proposer shall be eligible for SBE or DVBE preference points if they are a certified small business entity, as described in the guidelines contained in Exhibit A-Contract Equity Program, and they check the appropriate box, requesting preference, in Exhibit A-Proposer Information and Acceptance. Qualified DVBEs and/or SBEs will receive an additional 5 points to their total score.

C. PRICING

1. Prices quoted shall be firm for the first twelve months of any contract that may be awarded pursuant to this RFP.

2. All prices quoted shall be in United States dollars.

3. Price quotes shall include any and all payment incentives available to the District.

4. Proposers are advised that in the evaluation of cost, if applicable, it will be assumed that the unit price quoted is correct in the case of a discrepancy between the unit price and extended price.

5. See EXHIBIT E – SPECIFIC REQUIREMENTS for information on price adjustments.

D. NOTICE OF INTENT TO AWARD AND PROTESTS

At the conclusion of the RFP response evaluation process, all entities who submitted a proposal package will be notified in writing by e-mail or USPS mail with the name of the Proposer being recommended for contract award. The document providing this notification is the Notice of Intent to Award.

Negotiations for a Consulting Services Agreement with a “not to exceed” contract price (for time and expenses) will be scheduled shortly after the Notice of Intent to Award. If an Agreement cannot be achieved, the District will proceed to negotiate with the next highest ranked Proposer.

Protests must be in writing and must be received no later than seven (7) workdays after the District issues the Notice of Intent to Award. The District will reject the protest as untimely if it is received after this specified time frame. Protests will be accepted from proposers or potential proposers only.

If the protest is mailed and not received by the District, the protesting party bears the burden of proof to submit evidence (e.g., certified mail receipt) that the protest was sent in a timely manner so that it would be received by the District within the RFP protest period.

Proposal protests must contain a detailed and complete written statement describing the reason(s) for protest. The protest must include the name and/or number of the proposal, the name of the firm protesting, and include a name, telephone number, email address and physical address of the protester. If a firm is representing the protester, they shall include their contact information in addition to that of the protesting firm.

Protests must be mailed, hand delivered, or emailed to the Manager of Purchasing, Mailstop 102, East Bay Municipal Utility District, 375 11th Street, Oakland, CA 94607 or P.O. Box 24055, Oakland, California 94623. Facsimile and electronic mail protests must be followed by a mailed or hand delivered identical copy of the protest and must arrive within the seven workday time limit. Any proposal protest filed with any other District office shall be forwarded immediately to the Manager of Purchasing.

In the event that the protest is denied, the protester can appeal the determination to the requesting organization's Department Director. The appeal must be submitted to the Department Director no later than five workdays from the date which the protest determination was transmitted by the District, to the protesting party. The appeal shall focus on the points raised in the original protest, and no new points shall be raised in the appeal.

Such an appeal must be made in writing and must include all grounds for the appeal and copies of the original protest and the District's response. The proposal protester must also send the Purchasing Division a copy of all materials sent to the Department Director.

The Department Director will make a determination of the appeal and respond to the protester by certified mail in a timely manner. If the appeal is denied, the letter will include the date, time, and location of the Board of Directors meeting at which staff will make a recommendation for award and inform the protester it may request to address the Board of Directors at that meeting.

The District may transmit copies of the protest and any attached documentation to all other parties who may be affected by the outcome of the protest. The decision of the District as to the validity of any protest is final. This District's final decision will be transmitted to all affected parties in a timely manner.

E. INVOICING

1. Following the Districts acceptance of product(s) meeting all specified requirements, and/or the complete and satisfactory performance of services, the District will render payment within thirty (30) days of receipt of a correct invoice.

2. The District will notify the General or Professional Service Provider of any invoice adjustments required.

3. Invoices shall contain, at a minimum, District purchase order number, invoice number, remit to address, and itemized services description.

4. The District will pay General or Professional Service Provider in an amount not to exceed the negotiated amount(s) which will be referenced in the agreement signed by both parties.

IV. RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION

A. DISTRICT CONTACTS

All contact during the competitive process is to be through the contact listed on the first page of this RFP. The following persons are to be contacted only for the purposes specified below:

FOR INFORMATION REGARDING TECHNICAL SPECIFICATIONS:
Attn: Kevin Dickison, Wastewater Treatment Superintendent
EBMUD- Wastewater Department
E-Mail: kevin.dickison@ebmud.com
PHONE: (510) 287-1502

FOR INFORMATION ON THE CONTRACT EQUITY PROGRAM:
Attn: Contract Equity Office
PHONE: (510) 287-0114

AFTER AWARD:
Attn: Kevin Dickison, Wastewater Treatment Superintendent
EBMUD- Wastewater Department
E-Mail: kevin.dickison@ebmud.com
PHONE: (510) 287-1502

B. SUBMITTAL OF RFP RESPONSE

1. At this time, no hardcopy proposals will be accepted. Upload your RFP response in pdf format and prior to the bid due date/time RFP submittals, in their entirety, shall be emailed to kevin.dickison@ebmud.com. The District's email has limitations on attachment size. Make sure your response is less than 25 megabytes. If the file exceeds the limit, you will need to send multiple emails. Proposers are solely responsible for ensuring timely delivery of the proposals. The District shall not be responsible for any issues related to transfer of files through email. You may call at (510) 287-1502 to check receipt of the proposal.

2. All costs required for the preparation and submission of an RFP response shall be borne by the Proposer.

3. California Government Code Section 4552: In submitting an RFP response to a public purchasing body, the Proposer offers and agrees that if the RFP response is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Proposer for sale to the purchasing body pursuant to the RFP response. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the Proposer.

4. Proposer expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act.

5. The RFP response shall remain open to acceptance and is irrevocable for a period of one hundred eighty (180) days, unless otherwise specified in the RFP documents.

6. It is understood that the District reserves the right to reject any or all RFP responses.

C. RESPONSE FORMAT

1. **Proposers shall not modify the existing text for any part of Exhibits A, B, C, or D or qualify their RFP responses. Proposers shall not submit to the District a re-typed or otherwise re-created version of these documents or any other District-provided document.**

2. RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.

EXHIBIT A
RFP RESPONSE PACKET
RFP For – Residuals Hauling and Disposal

To: The EAST BAY MUNICIPAL UTILITY District ("District")

From: _____
(Official Name of Proposer)

RFP RESPONSE PACKET GUIDELINES

- **SUBMITTAL SHALL CONTAIN THE FOLLOWING:**
  - **EXHIBIT A – RFP RESPONSE PACKET**
    - **INCLUDING ALL REQUIRED DOCUMENTATION AS DESCRIBED IN "EXHIBIT A-REQUIRED DOCUMENTATION AND SUBMITTALS"**
  - **EXHIBIT B – INSUARANCE REQUIREMENTS**
  - **EXHIBIT C – GENERAL SERVICES AGREEMENT**
  - **EXHIBIT D – IRAN CONTRACTING ACT CERTIFICATION**

- **PROPOSERS THAT DO NOT COMPLY WITH THE REQUIREMENTS, AND/OR SUBMIT AN INCOMPLETE RFP RESPONSE MAY BE SUBJECT TO DISQUALIFICATION AND THEIR RFP RESPONSE REJECTED IN WHOLE.**

- **IF PROPOSERS ARE MAKING ANY CLARIFICATIONS AND/OR AMENDMENTS, OR TAKING EXCEPTION TO ANY PART OF THIS RFP, THESE MUST BE SUBMITTED IN THE EXCEPTIONS, CLARIFICATIONS, AND AMENDMENTS SECTION OF THIS EXHIBIT A – RFP RESPONSE PACKET. THE DISTRICT, AT ITS SOLE DISCRETION, MAY ACCEPT AMENDMENTS/EXCEPTIONS, OR MAY DEEM THEM TO BE UNACCEPTABLE, THEREBY RENDERING THE RFP RESPONSE DISQUALIFIED.**

- **PROPOSERS SHALL NOT MODIFY DISTRICT LANGUAGE IN ANY PART OF THIS RFP OR ITS EXHIBITS, NOR SHALL THEY QUALIFY THEIR RFP RESPONSE BY INSERTING THEIR OWN LANGUAGE OR FALSE CLAIMS IN THEIR RESPONSE. ANY EXCEPTIONS AND CLARIFICATIONS MUST BE PLACED IN THE "EXCEPTIONS/ CLARIFICATIONS" PAGE, NOT BURIED IN THE PROPOSAL ITSELF.**

PROPOSER INFORMATION AND ACCEPTANCE

1. The undersigned declares that all RFP documents, including, without limitation, the RFP, Addenda, and Exhibits, have been read and that the terms, conditions, certifications, and requirements are agreed to.

2. The undersigned is authorized to offer, and agrees to furnish, the articles and services specified in accordance with the RFP documents.

3. The undersigned acknowledges acceptance of all addenda related to this RFP. List Addenda for this RFP on the line below:

Addendum #	Date

4. The undersigned hereby certifies to the District that all representations, certifications, and statements made by the Proposer, as set forth in this RFP Response Packet and attachments, are true and correct and are made under penalty of perjury pursuant to the laws of California.

5. The undersigned acknowledges that the Proposer is, and will be, in good standing in the State of California, with all the necessary licenses, permits, certifications, approvals, and authorizations necessary to perform all obligations in connection with this RFP and associated RFP documents.

6. It is the responsibility of each Proposer to be familiar with all of the specifications, terms, and conditions and, if applicable, the site condition. By the submission of an RFP response, the Proposer certifies that if awarded a contract it will make no claim against the District based upon ignorance of conditions or misunderstanding of the specifications.

7. Patent indemnity: General or Professional Service Providers who do business with the District shall hold the District, its Directors, officers, agents, and employees harmless from liability of any nature or kind, including cost and expenses, for infringement or use of any patent, copyright or other proprietary right, secret process, patented or unpatented invention, article, or appliance furnished or used in connection with the contract or purchase order.

8. Insurance certificates are not required at the time of submission. However, by signing Exhibit A – RFP Response Packet, the Proposer agrees to meet the minimum insurance requirements stated in the RFP. This documentation must be provided to the District prior to execution of an agreement by the District

and shall include an insurance certificate which meets the minimum insurance requirements, as stated in the RFP.

9. The undersigned acknowledges that RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.

10. The undersigned Proposer hereby submits this RFP response and binds itself to the District. The RFP, subsequent Addenda, Proposers Response Packet, and any attachments, shall be used to form the basis of a Contract, which once executed shall take precedence.

11. The undersigned acknowledges ***ONE*** of the following (please check only one box)*:

☐ Proposer is not an SBE nor a DVBE and is ineligible for any Proposal preference; **OR**

☐ Proposer is an SBE or DVBE as described in the Contract Equity Program (CEP) and Equal Employment Opportunity (EEO) Guidelines, and has completed the CEP and EEO forms at the hyperlink contained in the CEP and EEO section of this Exhibit A.

*If no box is checked it will be assumed that the Proposer is ineligible for Proposal preference, and none will be given. For additional information on SBE/DVBE Proposal preference please refer to the Contract Equity Program and Equal Employment Opportunity Guidelines at the above referenced hyperlink.

Official Name of Proposer (exactly as it appears on Proposer's corporate seal and invoice): _____

Street Address Line 1: _____

Street Address Line 2: _____

City: _____ State: _____ Zip Code: _____

Webpage: _____

Type of Entity / Organizational Structure (check one):

☐ Corporation ☐ Joint Venture

☐ Limited Liability Partnership ☐ Partnership

☐ Limited Liability Corporation ☐ Non-Profit / Church

☐ Other: _____

Jurisdiction of Organization Structure: _____

Date of Organization Structure: _____

Federal Tax Identification Number: _____

Department of Industrial Relations (DIR) Registration Number: _____

Primary Contact Information:

Name / Title: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____

Street Address Line 1: _____

City: _____ State: _____ Zip Code: _____

Does proposer or any employee/representative/service provider have any relatives currently employed with EBMUD? (This does not impact award of a qualified proposal; required reporting purposes only.)

☐ YES ☐ NO

If so, please list :

CONTRACTOR OR CONTRACTOR EMPLOYEE FIRST AND LAST NAME	DISTRICT EMPLOYEE FIRST AND LAST NAME	RELATIONSHIP

SIGNATURE: _____

Name and Title of Signer (printed): _____

Dated this _____ day of _____ 20_____

EBMUD

PROPOSAL FORM

Cost shall be submitted on this Proposal Form as is. The prices quoted shall not include Sales Tax or Use Tax; said tax, wherever applicable, will be paid by the District to the General or Professional Service Provider, if licensed to collect, or otherwise directly to the State. The prices quoted shall include highway tolls, such that those must not be invoiced separately.

No alterations or changes of any kind to the Proposal Form(s) are permitted. RFP responses that do not comply may be subject to rejection in total. The cost quoted below shall be the cost the District will pay for the term of any contract that is a result of this RFP process.

Quantities listed herein are annual estimates based on past usage and are not to be construed as a commitment. No minimum or maximum is guaranteed or implied.

Item	Estimated Annual Quantity	Description	Per Unit Rate	Annual Cost Total
Grit per ton	1,214 wet tons	Furnish fully maintained and operated equipment to receive, cart, and dispose of grit on a continuous daily basis as directed and for the period December 1, 2025 to November 30, 2026.	**$_____/ton**	
Screenings per ton	496 wet tons	Furnish fully maintained and operated equipment to receive, cart, and dispose of screenings on a continuous daily basis as directed and for the period December 1, 2025 to November 30, 2026.	**$_____/ton**	
Scum per ton	336 wet tons	Furnish fully maintained and operated equipment to receive, cart, and dispose of scum on a continuous daily basis as directed and for the period December 1, 2025 to November 30, 2026.	**$_____/ton**	

Item	Estimated Annual Quantity	Description	Per Unit Rate	Annual Cost Total
Food waste pomace per ton	124 wet tons	Furnish fully maintained and operated equipment to receive, cart, and dispose of food waste residuals from the preprocessing of CCCSWA food waste as directed and for the period December 1, 2025 to November 30, 2026.	**$_____/ton**	
Grit per trip	106 trips	Roundtrip fee for grit	$___/round trip	
Screenings per trip	63 trips	Roundtrip fee for screenings	$___/round trip	
Scum per trip	29 trips	Roundtrip fee for scum	$___/round trip	
Food waste pomace per trip	9 trips	Roundtrip fee for food waste pomace	$___/round trip	
Alameda County Fee	1,867 wet tons	If contractor will use landfill outside of Alameda County, cost per ton required to be paid to the Alameda County Waste Management Authority	$___/ton	
Hourly rate	331 hours	Hourly fee for driver time spent onsite beyond 1 hour per each load	$___/hour	
			TOTAL COST	**$**

Note: Bridge toll costs must be factored into rates as bid.

REQUIRED DOCUMENTATION AND SUBMITTALS

All of the specific documentation listed below is required to be submitted with the Exhibit A – RFP Response Packet. Proposers shall submit all documentation, in the order listed below, and clearly label each section of the RFP response with the appropriate title (i.e., Table of Contents, Letter of Transmittal, Key Personnel, etc.).

1. **Description of the Proposed Equipment**:
   (a) Provide answer in "Questionnaire" section of this Exhibit A – RFP Response Packet.
   (b) RFP response shall include a description of the proposed hauling equipment as it will be configured during the term of the contract. The description shall specify how the proposed equipment will meet or exceed the requirements of the District and shall explain any advantages that this proposed equipment would have over other possible equipment. The description shall include any disadvantages or limitations that the District should be aware of in evaluating the RFP response.

2. **Description of the Proposed Services**:

   (a) Provide answer in "Questionnaire" section of this Exhibit A – RFP Response Packet.
   (b) RFP response shall include a description of the services to be provided during the contract term including response times. The description shall identify the landfill to be used and the dispatch process for haulers. The description must explain any special resources or approaches that make the services of the Proposer particularly advantageous to the District; and it must identify any limitations or restrictions of the Proposer in providing the services that the District should be aware of in evaluating its RFP response to this RFP.

3. **References:**
   (a) Proposers must use the templates in the "References" section of this Exhibit A – RFP Response Packet to provide references.
   (b) References should have similar scope, volume, and requirements to those outlined in these specifications, terms, and conditions.
      - Proposers must verify the contact information for all references provided is current and valid.
      - Proposers are strongly encouraged to notify all references that the District may be contacting them to obtain a reference.
   (c) The District may contact some or all of the references provided in order to determine Proposer's performance record on work similar to that described in this RFP. The District reserves the right to contact references other than those provided in the RFP response and to use the information gained from them in the evaluation process.

4. **Exceptions, Clarifications, Amendments:**

(a) The RFP response shall include a separate section calling out all clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, which shall be submitted with the proposer's RFP response using the template in the "Exceptions, Clarifications, Amendments" section of this Exhibit A – RFP Response Packet.

(b) **THE DISTRICT IS UNDER NO OBLIGATION TO ACCEPT ANY EXCEPTIONS, AND SUCH EXCEPTIONS MAY BE A BASIS FOR RFP RESPONSE DISQUALIFICATION.**

5. **Contract Equity Program:**

(a) Every proposer must fill out, sign, and submit the appropriate sections of the Contract Equity Program and Equal Employment Opportunity documents located at the hyperlink contained in the last page of this Exhibit A. Special attention should be given to completing Form P-25, "Employment Data and Certification". Any proposer needing assistance in completing these forms should contact the District's Contract Equity Office at (510) 287-0114 prior to submitting an RFP response.

QUESTIONNAIRE

RFP for Residuals Hauling and Disposal

Proposer Name:_____

Answer the following questions below or on separate paper, using additional pages as needed. See Evaluation Criteria and Required Documentation sections for further explanation.

1. Describe the equipment that will be used for each residual type (grit, screenings, scum, and food waste pomace).
2. Identify the landfill to be used for each residual type (grit, screenings, scum, and food waste pomace).
3. Describe the service approach and dispatch process to be used for this contract. For example, state whether an individual driver will be assigned to this contract and will be the primary contact, or whether a dispatcher will be used to reach varying drivers. If one driver is to be used primarily, describe the backup plan for when that driver is unavailable.

REFERENCES

RFP For - Residuals Hauling and Disposal

Proposer Name: ______________________________

Proposer must provide a minimum of 3 references.

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

EXCEPTIONS, CLARIFICATIONS, AMENDMENTS
RFP For – Residuals Hauling and Disposal

Proposer Name:_____

List below requests for clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, and submit with your RFP response.

The District is under no obligation to accept any exceptions and such exceptions may be a basis for RFP response disqualification.

Reference to:			**Description**
Page No.	Section	Item No.	
p. 23	**D**	**1.c.**	***Proposer takes exception to…***

*Print additional pages as necessary

CONTRACT EQUITY PROGRAM & EQUAL EMPLOYMENT OPPORTUNITY

The District's Board of Directors adopted the Contract Equity Program (CEP) to enhance equal opportunities for business owners of all races, ethnicities, and genders who are interested in doing business with the District. The program has contracting objectives, serving as the minimum level of expected contract participation for the three availability groups: white-men owned businesses, white-women owned businesses, and ethnic minority owned businesses. The contracting objectives apply to all contracts that are determined to have subcontracting opportunities, and to all General or Professional Service Providers regardless of their race, gender, or ethnicity.

All Contractors and their subcontractors performing work for the District must be Equal Employment Opportunity (EEO) employers and shall be bound by all laws prohibiting discrimination in employment. There shall be no discrimination against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), genetic information, or sexual orientation.

Contractor and its subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

All Contractors shall include the nondiscrimination provisions above in all subcontracts.
Please include the required completed forms with your proposal. Non-compliance with the Guidelines may deem a proposal non-responsive, and therefore, ineligible for contract award. Your firm is responsible for:

1) Reading and understanding the CEP guidelines.

2) Filling out and submitting with your proposal the appropriate forms.

   The CEP guidelines and forms can be downloaded from the District website at the following link:
   https://www.ebmud.com/business-center/contract-equity-program

If you have questions regarding the Contract Equity Program, please call (510) 287-0114.

EXHIBIT B
INSURANCE REQUIREMENTS

CONTRACTOR/COMPANY NAME: _____

PROPOSER shall take out and maintain during the life of the Agreement all insurance required and PROPOSER shall not commence work until such insurance has been approved by DISTRICT. The proof of insurance shall be on forms provided by DISTRICT directly following these Insurance Requirements.

PROPOSERS are not required to submit completed insurance verification documents with their bid but will be required to submit them upon notification of award. By signing Exhibit A – RFP Response Packet, the BIDDER agrees to meet the minimum insurance requirements stated in the RFP.

The following provisions are applicable to all required insurance:

A. Prior to the beginning of and throughout the duration of Services, and for any additional period of time as specified below, CONTRACTOR shall, at its sole cost and expense, maintain insurance in conformance with the requirements set forth below.

B. CONTRACTOR shall provide Verification of Insurance as required by this Agreement by providing the completed Verification of Insurance as requested below by signing and submitting Exhibit B ("Insurance Requirements") to the DISTRICT. The Insurance Requirements may be signed by the insurance broker or the insurance broker's agent (Insurance Broker/Agent) for the CONTRACTOR, or by an officer of the CONTRACTOR (Officer), or by the CONTRACTOR's risk manager (Risk Manager). The Notice to Proceed shall not be issued, and CONTRACTOR shall not commence Services until a signed Verification of Insurance evidencing the specific coverages and limits required by this Agreement has been received by the DISTRICT.

C. CONTRACTOR shall carry and maintain the minimum insurance requirements as defined in this Agreement. CONTRACTOR shall require any contractor/subcontractor to carry and maintain the minimum insurance required in this Agreement to the extent the insurance applies to the scope of the services to be performed by contractor/subcontractor.

D. Receipt of a signed Verification of Insurance by the DISTRICT shall not relieve CONTRACTOR of any of the insurance requirements, nor decrease liability of CONTRACTOR.

E. Insurance must be maintained, and an updated Verification of Insurance must be provided to the DISTRICT before the expiration of insurance by having the Insurance Broker/Agent, Officer, or Risk Manager update, sign and return the Insurance

Requirements to the DISTRICT's contract manager. The updated Insurance Requirements shall become a part of the Agreement but shall not require a change order to the Agreement. It is the CONTRACTOR's sole responsibility to provide or to ensure that an updated Verification of Insurance is provided to the DISTRICT. The DISTRICT has no obligation to solicit, remind, prompt, request, seek, or otherwise obtain any updated Verification of Insurance, and any actual or alleged failure on the part of the DISTRICT to obtain any updated Verification of Insurance under this Agreement shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard.

F. The insurance required hereunder may be obtained by a combination of primary, excess and/or umbrella insurance, and all coverages shall be at least as broad as the requirements listed in this Agreement.

G. Any deductibles, self-insurance, or self-insured retentions (SIRs) applicable to the required insurance coverage must be declared to and accepted by the DISTRICT.

H. At the option and request of the DISTRICT, CONTRACTOR shall provide documentation of its financial ability to pay the deductible, self-insurance, or SIR.

I. CONTRACTOR is responsible for the payment of any deductibles or SIRs pertaining to the policies required under this Agreement. In the event CONTRACTOR is unable to pay the required SIR, CONTRACTOR agrees that such SIR may be satisfied, in whole or in part, by the DISTRICT as the additional insured at the DISTRICT's sole and absolute discretion, unless to do so would terminate or void the policy(ies).

J. Unless otherwise accepted by the DISTRICT, all required insurance must be placed with insurers with a current A.M. Best's rating of no less than A- V.

K. CONTRACTOR shall defend the DISTRICT and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier required by this Agreement.

L. For any coverage that is provided on a claims-made coverage form (which type of form is permitted only where specified), the retroactive date must be shown, must be before the date of this Agreement, and must be before the beginning of any Services related to this Agreement.

M. For all claims-made policies the updated Verification of Insurance must be provided to the DISTRICT for at least three (3) years after expiration or termination of this Agreement.

N. If claims-made coverage is canceled or is non-renewed and if the claims-made coverage is not replaced with another claims-made policy form with a retroactive date prior to the effective date of this Agreement and prior to the start of any Services related to this Agreement, CONTRACTOR must purchase an extended reporting period for a minimum of three (3) years after expiration or termination of the Agreement.

O. In the event of a claim or suit, and upon request by the DISTRICT, CONTRACTOR agrees to provide a copy of the pertinent policy(ies) within 10 days of such request to the DISTRICT for review. Any actual or alleged failure on the part of the DISTRICT to request a copy of the pertinent policy(ies) shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard. Additionally, the DISTRICT may, at any time during CONTRACTOR's performance under this Agreement, request a copy of the Declarations pages and Schedule of Forms and Endorsements of any policy required to be maintained by CONTRACTOR hereunder, whether or not a suit or claim has been filed. Premium details may be redacted from any such documents requested.

P. The defense and indemnification obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained herein.

Q. Where additional insured coverage is required, the additional insured coverage shall be primary and non-contributory and will not seek contribution from the DISTRICT's insurance or self-insurance.

R. CONTRACTOR agrees to provide immediate Notice to the DISTRICT of any loss or claim against CONTRACTOR arising out of, pertaining to, or in any way relating to this Agreement or to Services performed under this Agreement. The DISTRICT assumes no obligation or liability by such Notice but has the right (but not the duty) to monitor the handling of any such claim(s) if the claim(s) is likely to involve the DISTRICT.

S. It is the obligation of the CONTRACTOR to ensure all contractors/subcontractors performing services under this Agreement maintain the necessary coverages and limits. CONTRACTOR shall ensure that all contractors/subcontractors agree to the same indemnity obligation that CONTRACTOR agrees to in this Agreement based on the nature and scope of services being performed by each contractor/subcontractor. CONTRACTOR shall require that each contractor/subcontractor include the DISTRICT, its directors, officers, and employees as additional insureds on its liability policy(ies) (excepting Professional Liability and Workers' Compensation) for all ongoing and completed operations with coverage as broad as required of CONTRACTOR under this Agreement. Failure or inability to secure fully adequate insurance shall in no way relieve the CONTRACTOR or all contractors/subcontractors of the responsibility for its own acts or the acts of any contractors/subcontractors or any employees or agents of either. All contractors/subcontractors are to waive subrogation against the DISTRICT on all policies. CONTRACTOR shall be responsible for maintaining records evidencing contractors'/subcontractors' compliance with the necessary insurance coverages and limits, and such records shall be made available to the DISTRICT within 10 days upon request.

T. It is CONTRACTOR's responsibility to ensure its compliance with the insurance requirements. Any actual or alleged failure on the part of the DISTRICT to obtain proof of insurance required under this Agreement shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard.

U. Notice of Cancellation/Non-Renewal/Material Reduction**.** The insurance requirements hereunder are mandatory, and the DISTRICT may, at its sole and absolute discretion, terminate the services provided by CONTRACTOR, should CONTRACTOR breach its obligations to maintain the required coverage and limits set forth in this Agreement. No coverage required hereunder shall be cancelled, non-renewed or materially reduced in coverage or limits without the DISTRICT being provided at least thirty (30) days prior written notice, other than cancellation for the non-payment of premiums, in which event the DISTRICT shall be provided ten (10) days prior written notice. Replacement of coverage with another policy or insurer, without any lapse in coverage or any reduction of the stated requirements does not require notice beyond submission to the DISTRICT of an updated Verification of Insurance which shall be met by having the Insurance Broker/ Agent, or Officer, or Risk Manager update, sign and return the Insurance Requirements.

I. Workers' Compensation and Employer's Liability Insurance Coverage

A. Workers' Compensation insurance including Employer's Liability insurance with minimum limits as follows:

Coverage A.	Statutory Benefits Limits	
Coverage B.	Employer's Liability of not less than:	
	Bodily Injury by accident:	$1,000,000 each accident
	Bodily Injury by disease:	$1,000,000 each employee
	Bodily Injury by disease:	$1,000,000 policy limit

B. If there is an onsite exposure of injury to CONTRACTOR, and/or contractor/subcontractor's employees under the U.S. Longshore and Harbor Workers' Compensation Act, the Jones Act, or under laws, regulations or statutes applicable to maritime employees, coverage is required for such injuries or claims.

C. If CONTRACTOR is exempt from carrying Workers' Compensation Insurance, CONTRACTOR must return the completed Verification of Insurance confirming that CONTRACTOR has no employees and is exempt from the State of California Workers' Compensation requirements.

D. If CONTRACTOR is self-insured with respect to Workers' Compensation coverage, CONTRACTOR shall provide to the DISTRICT a Certificate of Consent to Self-Insure from the California Department of Industrial Relations. Such self-insurance shall meet the minimum limit requirements and shall waive subrogation rights in favor of the DISTRICT as stated below in section "E."

E. Waiver of Subrogation. Workers' Compensation policies, including any applicable excess and umbrella insurance, must contain a waiver of subrogation endorsement providing that CONTRACTOR and each insurer waive any and all rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers. CONTRACTOR shall defend and pay any

and all damages, fees, and costs, of any kind arising out of, pertaining to, or in any way relating to CONTRACTOR's failure to provide waiver of subrogation from the insurance carrier.

Verification of Workers' Compensation and Employer's Liability Insurance Coverage

☐ **By checking the box and signing below, I hereby verify that the CONTRACTOR is exempt from the State of California's requirement to carry Workers' Compensation insurance.**

As the CONTRACTOR's Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Workers' Compensation insurance as required by this Agreement, including the relevant provisions applicable to all required insurance.

Self-Insured Retention: Amount: $

Policy Limit: $

Policy Number:

Policy Period: from _____ to

Insurance Carrier Name:

Insurance Broker/Agent or Officer or Risk Manager - Print Name:

Insurance Broker/Agent or Officer or Risk Manager's Signature:

II. Commercial General Liability Insurance ("CGL") Coverage

A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.

B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named

Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

C. Minimum Requirements. CGL insurance with minimum per occurrence and aggregate limits as follows:

Bodily Injury and Property Damage	$2,000,000 per occurrence & aggregate
Personal Injury/Advertising Injury	$2,000,000 per occurrence & aggregate
Products/Completed Operations	$2,000,000 per occurrence & aggregate

D. Coverage must be on an occurrence basis and be as broad as Insurance Services Office (ISO) form CG 00 01.

E. Coverage for Products, and Completed Operations, and Ongoing Operations must be included in the insurance policies and shall not contain any "prior work" coverage limitation or exclusion applicable to any Services performed by CONTRACTOR and/or contractor/subcontractor under this Agreement.

F. There will be no exclusion for explosions, collapse, or underground liability (XCU).

G. Insurance policies and Additional Insured Endorsement(s) shall not exclude liability and damages to work arising out of, pertaining to, or in any way relating to services performed by contractor/subcontractor on CONTRACTOR's behalf.

H. Contractual liability coverage shall be included and shall not limit, by any modification or endorsement, coverage for liabilities assumed by CONTRACTOR under this Agreement as an "insured contract."

I. Waiver of Subrogation. The policy shall be endorsed to include a Waiver of Subrogation ensuring that the CONTRACTOR and its insurer(s) waive any rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, board, and committee members, officers, officials, agents, volunteers, and employees. CONTRACTOR shall defend and pay any and all damages, fees, and costs, of any kind, arising out of, pertaining to, or in any way resulting from CONTRACTOR's failure to provide the waiver of subrogation from its insurance carrier(s).

J. Independent Contractor's Liability shall not limit coverage for liability and/or damages arising out of, pertaining to, or in any way resulting from Services provided under this Agreement.

K. To the fullest extent permitted by law, the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers must be covered as Additional Insureds on a primary and noncontributory basis on all underlying, excess and umbrella policies that shall be evidenced in each case by an endorsement. Coverage for

the Additional Insureds must be as broad as ISO forms CG 20 10 (ongoing operations) and CG 20 37 (completed operations) for liability arising in whole, or in part, from work performed by or on behalf of CONTRACTOR, or in any way related to Services performed under this Agreement.

L. A severability of interest provision must apply for all the Additional Insureds, ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the policies' limit(s).

Verification of Commercial General Liability (CGL) Insurance Coverage

As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Commercial General Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance:

Self-Insured Retention: Amount: $

Policy Limit: $

Policy Number:

Policy Period: from _____ to _____

Insurance Carrier Name:

Insurance Broker/Agent or Officer or Risk Manager - Print Name:

Insurance Broker/Agent or Officer or Risk Manager's Signature:

III. Business Auto Liability Insurance Coverage

A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.

B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is

broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

C. Minimum Requirements. Auto insurance with minimum coverage and limits as follows:
Each Occurrence Limit (per accident) and in the Aggregate: $2,000,000
Bodily Injury and Property Damage: $2,000,000

D. Coverage must include either "owned, non-owned, and hired" autos or "any" automobile. This provision ensures the policy covers losses arising out of use of company-owned vehicles ("owned autos"), employee's personal autos ("non-owned autos" meaning not owned by company/insured) or autos that are rented or leased ("hired autos").

E. If CONTRACTOR is transporting hazardous materials or contaminants, evidence of the Motor Carrier Act Endorsement-hazardous materials clean-up (MCS-90, or its equivalent) must be provided.

F. If CONTRACTOR's Scope of Services under this Agreement exposes a potential pollution liability risk related to transport of potential pollutants, seepage, release, escape or discharge of any nature (threatened or actual) of pollutants into the environment arising out of, pertaining to, or in any way related to CONTRACTOR's and/or contractor's/subcontractor's performance under this Agreement, then Auto Liability Insurance policies must be endorsed to include Transportation Pollution Liability insurance. Alternatively, coverage may be provided under the CONTRACTOR's Pollution Liability Policies if such policy has no exclusions that would restrict coverage under this Agreement. Coverage shall also include leakage of fuel or other "pollutants" needed for the normal functioning of covered autos.

G. To the fullest extent permitted by law, the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers must be covered as Additional Insureds on a primary and noncontributory basis on all underlying and excess and umbrella policies.

H. A severability of interest provision must apply for all the Additional Insureds, ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the insurer's limits of liability.

Verification of Business Auto Liability Insurance Coverage

As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Business Automobile Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance:

Self-Insured Retention: Amount: $

___

Policy Limit: $

___

Policy Number:

Policy Period: from _____ to

Insurance Carrier Name:

Insurance Broker/Agent or Officer or Risk Manager – Print Name:

Insurance Broker/Agent or Officer or Risk Manager's Signature:

IV. Pollution Liability Insurance Coverage

A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.

B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

C. Minimum Requirements: Pollution Liability Insurance with minimum limits, as follows:

Each Claim or Occurrence Limit:	$2,000,000
Aggregate Limit:	$2,000,000

D. Coverage must be included for bodily injury and property damage, including coverage for loss of use and/or diminution in property value, and for clean-up costs arising out of, pertaining to, or in any way related to the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of contaminants or pollutants, arising out of, pertaining to, or in any way resulting from any Services performed by CONTRACTOR under this Agreement; including any transportation of hazardous wastes, hazardous materials, or contaminants.

E. If Coverage is written on a claims-made form, the following shall apply:

1. The retroactive date must be shown and must be before the date of the Agreement or the beginning of the Services.

2. Insurance must be maintained, and evidence of insurance must be provided for a minimum of three (3) years after completion of the Services.

3. If coverage is canceled or non-renewed and not replaced with another claims-made policy form with a retroactive date prior to the effective date of the Agreement, CONTRACTOR must purchase an extended reporting period for a minimum of three (3) years after completion of the Services.

F. Insurance written on a claims-made basis shall include prior acts coverage sufficient to cover the services provided by CONTRACTOR under this Agreement.

Verification of Pollution Liability Insurance Coverage

As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Pollution Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance.

Self-Insured Retention: Amount: $

Policy Limit: $

Policy Number:

Policy Period: from _____ to

Insurance Carrier Name:

Insurance Broker/Agent or Officer or Risk Manager - Print Name:

Insurance Broker/Agent or Officer or Risk Manager's Signature:

V. Excess and/or Umbrella Liability Insurance Coverage (*Optional* – See Paragraph A below)

A. The insurance requirements set forth above may be satisfied by a combination of primary and excess or umbrella policies. Where excess or umbrella policies are used the following shall apply:

B. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.

C. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

D. Minimum Requirements: It is expressly understood by the parties that CONTRACTOR's Excess and/or Umbrella Liability policies shall, at minimum, comply with all insurance requirements set forth within this Agreement, and shall be at least as broad as coverage required of the underlying policies required herein.

1. Coverage for Products, Completed Operations, and Ongoing Operations must be included in the insurance policies and shall not contain any "prior work" coverage limitation or exclusion applicable to any Services performed under this Agreement and, if it is a claims-made policy, it must be maintained for a minimum of three (3) years following final completion of the Services.

2. There will be no exclusion for explosions, collapse, or underground damage (XCU).

3. Insurance policies and Additional Insured Endorsements shall not exclude coverage for liability and damages from services performed by contractor/subcontractor on CONTRACTOR's behalf.

4. Contractual liability coverage shall be included and shall not limit, by any modification or endorsement, coverage for liabilities assumed by CONTRACTOR under this Agreement as an "insured contract."

5. Independent Contractor's Liability shall not limit coverage for liability and/or damage arising out of, pertaining to, or in any way related to Services provided under this Agreement.

6. To the fullest extent permitted by law, the DISTRICT, its directors, officers, officials, agents, volunteers, and employees must be covered as Additional Insureds on a primary and noncontributory basis on all excess and umbrella policies. The Additional Insureds must be covered for liability arising in whole or in part from any premises, Products, Ongoing Operations, and Completed Operations by or on behalf of CONTRACTOR, in any way related to Services performed under this Agreement.

7. A severability of interest provision must apply for all the Additional Insureds, ensuring that the CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the policy's limits.

8. CONTRACTOR and its excess and/or umbrella Liability insurance coverage must waive any rights of subrogation against the DISTRICT, its directors, officers, officials, employees, agents, and volunteers, and CONTRACTOR shall defend and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier(s).

Verification of Excess and/or Umbrella Liability Insurance Coverage

As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Excess and/or Umbrella Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance.

Excess/Umbrella Limits: Amount $

Policy Limit: $

Policy Number:

Policy Period from _____to _____

Insurance Carrier Name:

Underlying Policy(ies) listed above to which Excess/Umbrella applies:

Insurance Broker/Agent or Officer or Risk Manager - Print Name:

Insurance Broker/Agent or Officer or Risk Manager's Signature:

EXHIBIT C
GENERAL REQUIREMENTS

Effective: June 9, 2021
Supersedes: September 1, 2020

CONTENTS

1. DEFINITIONS

The following terms shall be given the meaning shown, unless context requires otherwise, or a unique meaning is otherwise specified.

a. **"Change Order"** A Change Order is a written instrument used for modifying the contract with regards to the scope of Work, contract sum, and/or Contract Time. An approved Change Order is a Change Order signed by the District. An executed Change Order is a Change Order signed by both the District and the Contractor.

b. **"Contract"** means the agreement between the District and Contractor as memorialized in the Contract Documents.

c. **"Business Entity"** means any individual, business, partnership, joint venture, corporation, sole proprietorship, or other private legal entity recognized by statute.

d. **"Buyer"** means the District's authorized contracting official.

e. **"Contract Documents"** comprise the entire agreement between the District and the Contractor and can include the District's contract form if used, any purchase order, RFP, RFQ or Contractor response packet, and any addenda, appendices and District approved changes or amendments. The Contract Documents are intended to be complementary and include all items necessary for the Contractor's proper execution and completion of the Work. Any part of the Work not shown or mentioned in the Contract Documents that is reasonably implied or is necessary or usual for proper performance of the Work, shall be provided by the Contractor at its expense.

f. **"Contractor"** means the Business Entity with whom the District enters into a contractual agreement. Contractor shall be synonymous with "supplier", "vendor", "consultant" or other similar term.

g. **"Day"** unless otherwise specified, days are calendar days, measured from midnight to the next midnight.

h. **"District"** means the East Bay Municipal Utility District, its employees acting within the scope of their authority, and its authorized representatives.

i. **"Goods"** means off the shelf software and all types of tangible personal property, including but not limited to materials, supplies, and equipment.

j. **"Project Manager"** shall be the District designated individual responsible for administering and interpreting the terms and conditions of the Contract Documents, for matters relating to the Contractor's performance under the Contract with the District, and for liaison and coordination between the District and Contractor.

k. **"Work"** means all labor, tasks, materials, supplies, and equipment required to properly fulfill the Contractor's obligations as required in the Contract Documents.

l. **"Work Day"** Unless otherwise specified, work day includes all days of the year except Saturdays, Sundays and District holidays.

2. BOND

a. When required in the District's bid or proposal solicitation documents, the Contractor to whom award is made shall furnish a good and approved faithful performance bond and/or payment bond within ten business days after receiving the forms for execution.

b. The bonds shall be executed by a sufficient, admitted surety insurer (i.e.: as listed on website https://www.cslb.ca.gov/OnlineServices/InsuranceSearch/INSRequest.aspx) admitted to transact such business in California by the California Department of Insurance. After acceptance of the bond(s) by the District, a copy of the bond(s) will be returned to the Contractor.

c. If, during the continuance of the Contract, any of the sureties, in the opinion of the District, are or become irresponsible, the District may require other or additional sureties, which the Contractor shall furnish to the satisfaction of the District within ten

days after notice. If the Contractor fails to provide satisfactory sureties within the ten-day period, the Contract may be terminated for cause under Article 18.

3. CONTRACTOR'S FINANCIAL OBLIGATION

The Contractor shall promptly make payments to all persons supplying labor and materials used in the execution of the contract.

4. SAMPLES OR SPECIMENS

The Contractor shall submit samples or prepare test specimens of such materials to be furnished or used in the work as the Project Manager may require.

5. MATERIAL AND WORKMANSHIP

a. All goods and materials must be new and of the specified quality and equal to approved sample, if samples have been required. In the event any goods or materials furnished, or services provided by the Contractor in the performance of the Contract fail to conform to the requirements, or to the sample submitted by the Contractor, the District may reject the same, and it shall become the duty of the Contractor to reclaim and remove the item promptly or to correct the performance of services, without expense to the District, and immediately replace all such rejected items with others conforming to the Contract. All work shall be done and completed in a thorough, workmanlike manner, notwithstanding any omission from these specifications or the drawings, and it shall be the duty of the Contractor to call attention to apparent errors or omissions and request instructions before proceeding with the work. The Project Manager may, by appropriate instructions, correct errors and supply omissions, which instructions shall be binding upon the Contractor as though contained in the original Contract Documents.

b. All materials furnished and all Work must be satisfactory to the Project Manager. Work, material, or machinery not in accordance with the Contract Documents, in the opinion of the Project Manager, shall be made to conform.

6. DEFECTIVE WORK

The Contractor shall replace at its own expense any part of the work that has been improperly executed, as determined by the Project Manager. If Contractor refuses or neglects to replace such defective work, it may be replaced by the District at the expense of the Contractor, and its sureties shall be liable therefor.

7. WARRANTY

Contractor expressly warrants that all goods furnished will conform strictly with the specifications and requirements contained herein and with all approved submittals, samples and/or models and information contained or referenced therein, all affirmations of fact or promises, and will be new, of merchantable quality, free from defects in materials and workmanship, including but not limited to leaks, breaks, penetrations, imperfections, corrosion, deterioration, or other kinds of product deficiencies. Contractor expressly warrants that all goods to be furnished will be fit and sufficient for the purpose(s) intended. Contractor expressly warrants that all goods shall be delivered free from any security interest, lien or encumbrance of any kind, and free from any claim of infringement, copyright or other intellectual property violation, or other violation of laws, statutes, regulations, ordinances, rules, treaties, import

restrictions, embargoes or other legal requirements. Contractor guarantees all products and services against faulty or inadequate design, manufacture, negligent or improper transport, handling, assembly, installation or testing, and further guaranties that there shall be strict compliance with all manufacturer guidelines, recommendations, and requirements, and that Contractor guaranties that it will conform to all requirements necessary to keep all manufacturer warranties and guarantees in full force and effect. These warranties and guarantees are inclusive of all parts, labor and equipment necessary to achieve strict conformance, and shall take precedence over any conflicting warranty or guarantee. These warranties and guaranties shall not be affected, limited, discharged or waived by any examination, inspection, delivery, acceptance, payment, course of dealing, course of performance, usage of trade, or termination for any reason and to any extent. In the absence of any conflicting language as to duration, which conflicting language will take precedence as being more specific, Contractor's aforesaid warranties and guarantees shall be in full force and effect for a period of one year from the date of acceptance by the District but shall continue in full force and effect following notice from District of any warranty or guarantee issue, until such issue has been fully resolved to the satisfaction of District.

8. NOT USED

9. SAFETY AND ACCIDENT PREVENTION

In performing work under the Contract on District premises, Contractor shall conform to any specific safety requirements contained in the Contract or as required by law or regulation. Contractor shall take any additional precautions as the District may reasonably require for safety and accident prevention purposes. Any violation of such rules and requirements, unless promptly corrected, shall be grounds for termination of this Contract or Contractor's right to precede in accordance with the default provisions of the Contract Documents.

10. CHARACTER OF WORKFORCE

The Contractor shall employ none but skilled competent qualified personnel to perform the Work and shall maintain discipline and order in the conduct of the Work at all times.

11. PREVAILING WAGES & DIR REGISTRATION

a. Please see www.dir.ca.gov for further information regarding the below.

b. All Contractors and Subcontractors of any tier bidding on or offering to perform work on a public works project shall first be registered with the State Department of Industrial Relations (DIR) pursuant to Section 1725.5 of the Labor Code. No bid will be accepted, nor any contract entered into without proof of the Contractor and Subcontractors' current registration with the DIR (LC § 1771.1).

c. All public works projects awarded after January 1, 2015, are subject to compliance monitoring and enforcement by the DIR (LC § 1771.4) and all Contractors are required

d. to post job site notices, "as prescribed by regulation" (LC § 1771.4).

e. To the extent applicable, pursuant to Section 1773 of the Labor Code, the District has obtained from the Director of Industrial Relations of the State of California, the general prevailing rates of per diem wages and the general prevailing rates for holiday and overtime work in the locality in which the Work is to be performed, for each craft, classification, or type of worker needed to execute the contract. Pursuant to Section

1773.2 of the Labor Code, a copy of the prevailing wage rates is on file with the District and available for inspection by any interested party at www.dir.ca.gov.

f. The holidays upon which such rates shall be paid shall be all holidays recognized in the collective bargaining agreement applicable to the particular craft, classification, or type of worker employed on the Work.

g. The Contractor shall post a copy of the general prevailing rate of per diem wages at the jobsite pursuant to Section 1773.2 of the Labor Code.

h. Pursuant to Section 1774 of the Labor Code, the Contractor and any of its Subcontractors shall not pay less than the specified prevailing rate of wages to all workers employed in the execution of the contract.

i. As set forth with more specificity in Section 1773.1 of the Labor Code, "per diem" wages include employer payments for health and welfare, pension, vacation, travel, subsistence and, in certain instances, apprenticeship or other training programs, and shall be paid at the rate and in the amount spelled out in the pertinent prevailing wage determinations issued by the Director of Industrial Relations.

j. The Contractor shall, as a penalty to the State or the District, forfeit not more than the maximum set forth in Section 1775 of the Labor Code for each calendar day, or portion thereof, for each worker paid less than the prevailing rates for the work or craft in which the worker is employed under the contract by the Contractor or by any Subcontractor under him. The difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which such worker was paid less than the stipulated prevailing wage rate shall be paid to such worker by the Contractor.

k. The specified wage rates are minimum rates only and the District will not consider and shall not be liable for any claims for additional compensation made by the Contractor because of its payment of any wage rate in excess of the general prevailing rates. All disputes in regard to the payment of wages in excess of those specified herein shall be adjusted by the Contractor at its own expense.

l. General prevailing wage determinations have expiration dates with either a single

m. asterisk or a double asterisk. Pursuant to California Code of Regulations, Title 8, Section 16204, the single asterisk means that the general prevailing wage determination shall be in effect for the specified contract duration. The double asterisk means that the predetermined wage modification shall be paid after the expiration date. No adjustment in the Contract Sum will be made for the Contractor’s payment of these predetermined wage modifications.

12. PAYROLL RECORDS & ELECTRONIC SUBMISSION

If prevailing wages apply, Contractor and each Subcontractor, as appropriate, shall comply with the following:

a. Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the

Work. The payroll records shall be certified and shall be available for inspection in accordance with the provisions of Section 1776 of the Labor Code. Certified payroll records shall be on the forms provided by the DIR or contain the same information required on the Department's form.

b. The Contractor shall submit for each week in which any contract Work is performed a copy of all payroll records to the Project Manager. The Contractor shall be responsible for submission of copies of payroll records of all Subcontractors.

c. The Contractor or Subcontractor shall certify the payroll records as shown on the DIR form. In addition, the records shall be accompanied by a statement signed by the Contractor or Subcontractor certifying that the classifications truly reflect the Work performed and that the wage rates are not less than those required to be paid.

d. For public works projects awarded on or after April 1, 2015, or that are still ongoing after April 1, 2016, no matter when awarded, each Contractor and Subcontractor shall furnish the certified payroll related records as more specifically described above and in Labor Code section 1776 directly to the Labor Commissioner (see LC § 1771.4). These records shall be provided to the Labor Commissioner at least monthly or more frequently if required by the terms of the Contract. For exception on projects covered by collective bargaining agreements like a PLA, please see Labor Code section 1771.4.

e. In the event of noncompliance with the requirements of Section 1776 of the Labor Code, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with said Section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1776 of the Labor Code for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due.

f. The Contractor and every Subcontractor shall post at the workplace and comply with all required wage related workplace postings. Copies of the required postings may be downloaded or ordered electronically from the Department of Industrial Relations website at http://www.dir.ca.gov/wpnodb.html.

13. HOURS OF LABOR

Pursuant to the provisions of Sections 1810, et seq. of the Labor Code and any amendments thereof:

a. Eight hours of labor constitutes a legal day's Work under the contract.

b. The time of service of any worker employed upon the work shall be limited and restricted to eight hours during any one calendar day, and forty hours during any one calendar week except as provided in Article 13.iv below.

c. The Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1813 of the Labor Code for each worker employed in the execution of the contract by the Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any

calendar day and forty hours in any one calendar week in violation of this Article and the provisions of Labor Code, Sections 1810, et seq.

d. Work performed by employees of the Contractor in excess of eight hours per day, and forty hours during any one calendar week, shall be permitted upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

e. The Contractor and every Subcontractor shall keep an accurate record showing the name of and the actual hours worked each calendar day and each calendar week by each worker employed by him in connection with the Work; the record shall be kept open at all reasonable hours to the inspection of the District and to the Division of Labor Standards Enforcement of the State of California.

14. EMPLOYMENT OF APPRENTICES

a. In the performance of the contract, the Contractor and any Subcontractor shall comply with the provisions concerning the employment of apprentices in Section 1777.5 of the Labor Code and any amendments thereof.

b. In the event the Contractor or any Subcontractor willfully fails to comply with the aforesaid section, such Contractor or Subcontractor shall be subject to the penalties for noncompliance in Labor Code, Section 1777.7.

15. CHANGES

a. Changes in the Work can only be made in writing signed by an authorized employee of the District. If the change causes an increase or decrease in the contract sum, or a change in the time for performance under the Contract, an adjustment may be made as determined by the Project Manager.

b. The District reserves the right to make changes in the design of materials, equipment, or machinery, to make alterations or additions to or deviations or subtractions from the Contract and any specifications and drawings, to increase or decrease the required quantity of any item or portion of the Work or to omit any item or portion of the Work, as may be deemed by the Project Manager to be necessary or advisable and to order such extra work as may be determined by the Project Manager to be required for the proper execution and completion of the whole Work contemplated. Any such changes will be ordered in writing by the Project Manager. The determination of the Project Manager on all questions relating to changes, including extra work, shall be conclusive and binding.

c. Prior to issuing an amendment or change to the Contract, the Project Manager may request that the Contractor submit a proposal covering the changes. Within 10 business days of receiving the request, the Contractor shall submit its proposal to the Project Manager of all costs associated with the proposed amendment or change and any request for an extension of Contract time. Contractor's proposal shall include detailed estimates with cost breakdowns, including labor, material, equipment, overhead, and profit. Labor shall be broken down into hours and rate per hour. If applicable, the proposal shall include a breakdown for off-site labor (including factory labor, engineering, etc.). The Contractor's proposal shall include an analysis of schedule impact when the Contractor is requesting an adjustment in contract time. The

Contractor shall be responsible for any delay associated with its failure to submit its change proposal within the time specified. If the Project Manager decides not to issue an amendment or change after requesting a proposal from the Contractor, the Contractor will be notified in writing. The Contractor is not entitled to reimbursement for Change Order preparation costs if the Contractor's proposal is not accepted by the Project Manager.

d. If the Contractor agrees with the terms and conditions of the approved Change Order, the Contractor shall indicate its acceptance by signing the original copy and returning it to the Project Manager within 10 Work Days after receipt or with reasonable promptness and in such sequence as to not delay the Work or activities of the District or of separate contractors, whichever is sooner. If notice of any change is required to be given to a surety by the provisions of any bond, the Contractor shall provide notice and the amount of each applicable bond shall be adjusted separately. Payment in accordance with the terms and conditions set forth in the executed Change Order shall constitute full compensation for all Work included in the Change Order and the District will be released from any and all claims for direct, indirect, and impact expenses and additional time impact resulting from the Work. If the Contractor disagrees with the terms and conditions of the approved Change Order, the Contractor shall indicate specific areas of disagreement and return the approved Change Order to the Project Manager with a detailed written dispute. No payment will be made on the disputed work until the approved Change Order is returned to the Project Manager. However, whether or not the Contractor agrees with the terms and conditions of an approved Change Order, the Contractor shall immediately revise its sequence of operations as required to facilitate timely completion of the changed work and shall proceed with the revised work sequence.

e. The Project Manager may, after having received a written cost quotation from the Contractor, order the Contractor, in writing, to proceed with the work prior to issuance of an approved Change Order through a change directive. The change directive will authorize the Contractor to proceed with the work subject to the cost quotation submitted by the Contractor. Within five days following receipt of the change directive, the Contractor shall submit a detailed change proposal documenting the amount of compensation. The Project Manager will review the change proposal and, at its option, will either issue an approved Change Order for the work or direct the Contractor to perform the work through Force Account. Until the method of compensation is determined, and the approved Change Order is received, the Contractor shall keep full and complete time and material records of the cost of the ordered work and shall permit the Project Manager to have access to such records. An approved Change Order shall supersede any previously issued written change directive covering the same Work.

16. EFFECT OF EXTENSIONS OF TIME

The granting, or acceptance, of extensions of time to complete the Work or furnish the labor, supplies, materials or equipment, or any one of the aforementioned, will not operate as a release of Contractor or the surety on Contractor's faithful performance bond.

17. DELAYS

a. The Contractor shall take reasonable precautions to foresee and prevent delays to the Work. When the Contractor foresees a delay event, and upon the occurrence of a delay

event, the Contractor shall immediately notify the Project Manager of the probability or the actual occurrence of a delay, and its cause. With respect to all delays (compensable, excusable or inexcusable), the Contractor shall reschedule the Work and revise its operations, to the extent possible, to mitigate the effects of the delay. Within 15 days from the beginning of a delay the Contractor shall provide the Project Manager with a detailed written description of the delay, its cause, its impact and the Contractor's mitigation plans. Failure to provide the notification required above waives the Contractor's right to any additional time or compensation resulting from the delay for whatever cause. The Project Manager will investigate the facts and ascertain the extent of the delay, and the Project Manager's findings thereon shall be final and conclusive, except in the case of gross error. An extension of time must be approved by the Project Manager to be effective, but an extension of time, whether with or without consent of the sureties, shall not release the sureties from their obligations, which shall remain in full force until the discharge of the contract.

b. For inexcusable delays (delays caused by circumstances within the Contractor's control, the control of its subcontractors or supplies of any tier, or within the scope of the Contractor's contract responsibilities) the Contractor shall not be entitled to an extension of time or additional compensation for any loss, cost, damage, expense or liability resulting directly or indirectly from the inexcusable delay.

c. For excusable delays (delays to completion of the Work within the time limits set forth in the Contract Documents directly caused by events beyond the control of both the Contractor and the District, which delay is not concurrent with an inexcusable delay and which could not have been avoided by the Contractor through reasonable mitigation measures the Project Manager will grant the Contractor an extension of time in an amount equal to the period of Excusable Delay based on the analysis of schedule impact and delay analysis diagram, which shall be the Contractor's sole and exclusive remedy for such delay. Excusable Delays shall include labor strikes, adverse weather, and Acts of God.

d. For compensable delays (delays to completion of the Work within the time limits set forth in the Contract Documents that could not be avoided by Contractor mitigation, caused directly and solely by the District or by causes within the exclusive control of the

e. District, and which were not concurrent with any other type of delay) the Project

f. Manager will grant the Contractor an extension of the time to perform under the Contract and compensation in an amount that represents the Contractor's actual direct costs incurred as a direct result of the compensable delay. The Contractor may recover its direct costs only and may not recover (and waives) all other types of indirect, consequential, special and incidental damages.

g. For concurrent delays (two or more independent causes of delay directly preventing the Contractor from completing the Work within the time limits set forth in the Contract Documents where the delays occur at the same time during all or a portion of the delay period being considered, and where each of the delays would have caused delay to the Contractor even in the absence of any of the other delays, and none of the delays could have been avoided by Contractor mitigations) the following rules apply:

i. One or more of the concurrent delays are excusable or compensable, then the period of concurrent delay will be treated as an excusable delay; and

ii. All of the concurrent delays are inexcusable, then the period of concurrent delay will be inexcusable.

18. TERMINATION

a. Termination by the District for Cause:

i. District may terminate the Contractor's right to proceed under the Contract, in whole or in part, for cause at any time after the occurrence of any of the following events, each of which constitutes a default:

1. The Contractor becomes insolvent or files for relief under the bankruptcy laws of the United States.

2. The Contractor makes a general assignment for the benefit of its creditors or fails to pay its debts as the same become due.

3. A receiver is appointed to take charge of the Contractor's property.

4. The Contractor fails to supply skilled supervisory personnel, an adequate number of properly skilled workers, proper materials, or necessary equipment to prosecute the Work in accordance with the Contract Documents.

5. The Contractor fails to make progress so as to endanger performance of the Work within the contractually required time.

6. The Contractor disregards legal requirements of agencies having jurisdiction over the Work, the Contractor, or the District.

7. The Contractor fails to provide the District with a written plan to cure a District identified default within five business days after the District's request for a plan to cure; the District does not accept the Contractor's plan for curing its default; or the Contractor does not fully carry out an accepted plan to cure.

8. The Contractor abandons the Work. Abandonment is conclusively presumed when the District requests a written plan to cure a default and the Contractor does not submit the plan within five business days of the District's request.

9. The Contractor materially fails to meet its obligations in accordance with the Contract Documents.

10. The Contractor is in default of any other material obligation under the Contract Documents.

ii. If any of the above events occur, the District may, in its discretion, require that the Contractor submit a written plan to cure its default, which plan must be provided to the District within 5 business days of the request and must include a realistic, executable plan for curing the noted defaults.

iii. Upon any of the occurrences referred to in Article 18.a.i. above, the District may, at its election and by notice to the Contractor, terminate the Contract in whole or in part; accept the assignment of any or all of the subcontracts; and then complete the Work by any method the District may deem expedient. If requested by the District, the Contractor shall remove any part or all of the Contractor's materials, supplies, equipment, tools, and machinery from the site of the Work within seven days of such request; and, if the Contractor fails to do so, the District may remove or store, and after 90 days sell, any of the same at the Contractor's expense.

iv. No termination or action taken by the District after termination shall prejudice any other rights or remedies of the District provided by law or by the Contract Documents.

v. Conversion: If, after termination for other than convenience, it is determined that the Contractor was not in default or material breach, or that the default or material breach was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for convenience pursuant to Article 18.b. below.

b. Termination by the District for Convenience:

i. The District may, at its option, and for its convenience, terminate the Contract at any time by giving written notice to the Contractor specifying the effective date of termination. Upon such termination, the Contractor agrees to comply with the notice and further agrees to waive any claims for damages, including loss of anticipated profits, on account of the termination; and, as the sole right and remedy of the Contractor, the District shall pay the Contractor as set forth below.

ii. Upon receipt of a notice of termination for convenience, the Contractor shall, unless the notice directs otherwise, do the following:

1. Immediately discontinue its performance of the Contract to the extent specified in the notice.

2. Place no further orders or subcontracts for materials, equipment, services, or facilities, except as may be necessary for completion of a portion of the Work that is not discontinued or that is necessary for an orderly cessation of the Work.

3. Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent they relate to the performance of the discontinued portion of the Work.

4. Thereafter, do only such Work as may be necessary to preserve and protect Work already in progress and to protect materials, plants, and equipment in transit to or on the site of performance.

iii. Upon such termination for convenience, the District will pay to the Contractor the sum of the following:

1. The amount of the contract sum allocable to the portion of the Work properly performed by the Contractor as of the effective date of termination, less sums previously paid to the Contractor.

2. Previously unpaid costs of any items delivered to the project site that were already fabricated for subsequent incorporation into the Work.

3. Any proven losses with respect to materials and equipment directly resulting from the termination.

4. Reasonable demobilization costs.

iv. The above reimbursement is the sole and exclusive remedy to which the Contractor is entitled in the event the contract is terminated for convenience; and the Contractor expressly waives any other claims, damages, demands, compensation or recovery related to this contract or project. The Contractor agrees to sign a general release incorporating this waiver.

c. Effect of Termination: Upon termination, the obligations of the Contract shall continue as to portions of the Work already performed and, subject to the Contractor's obligations under Article 18.b.ii, as to bona fide obligations assumed by the Contractor prior to the date of termination.

d. Force Majeure: If the contract is suspended or terminated by the District because Contractor's performance is prevented or delayed by an event including an irresistible, superhuman cause, or by the act of public enemies of the State of California or of the United States ("Force Majeure") , the Contractor will be paid for Work performed prior to the Force Majeure event at either (i) the unit prices named in the Contract; or (ii) in the event no unit prices are named, a sum equal to the percentage of the total contract amount that matches the percentage of the total contract Work performed prior to the Force Majeure event.

19. DAMAGES

All losses or damages to material or equipment to be furnished pursuant to the Contract Documents occurring prior to receipt and final acceptance of the Work shall be sustained by the Contractor. The Contractor shall sustain all losses arising from unforeseen obstructions or difficulties, either natural or artificial, encountered in the prosecution of the Work, or from any action of the elements prior to final acceptance of the work, or from an act or omission on the part of the Contractor not authorized by the Contract Documents.

20. ORDER OF PRECEDENCE

a. In the case of conflicts, errors, or discrepancies in any of the Contract Documents, the order of precedence is as follows. Within the same order of precedence, specific requirements shall take precedence over general requirements.

i. Approved Change Orders.
ii. Addenda.
iii. RFQ or RFP.
iv. Referenced Standard Specifications and Drawings.
v. Contractor's Response Packet.

b. With reference to drawings:

i. Numerical dimensions govern over scaled dimensions.
ii. Detailed drawings govern over general drawings.
iii. Addenda/Change Order drawings govern over contract drawings.
iv. Contract drawings govern over standard drawings.
v. Notes apply only to the drawing where the notes appear, unless classified as "typical" or intended to apply elsewhere in which case they apply to all drawings where the conditions or circumstance noted occurs.
vi. Typical details apply to all drawings unless a specific different detail is shown.

21. INDEMNIFICATION

Contractor expressly agrees to defend, indemnify, and hold harmless DISTRICT and its Directors, officers, agents and employees from and against any and all loss, liability, expense, claims, suits, and damages, including attorneys' fees, arising out of or resulting from Contractor's, its associates', employees', subconsultants', or other agents' negligent acts, errors or omissions, or willful misconduct, in the operation and/or performance under this Agreement.

22. PROHIBITION OF ASSIGNMENT

The Contractor shall not assign, transfer, or otherwise dispose of any of its rights, duties or obligations under this Contract. This prohibition does not apply to the District. The District retains the right to assign this Contract in whole or in part at any time upon reasonable terms.

23. NEWS RELEASES

The Contractor, its employees, subcontractors, and agents shall not refer to the District, or use any logos, images, or photographs of the District for any commercial purpose, including, but not limited to, advertising, promotion, or public relations, without the District's prior written consent. Such written consent shall not be required for the inclusion of the District's name on a customer list.

24. SEVERABILITY

Should any part of the Contract be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of the Contract, which shall continue in full force and effect, provided that the remainder of the Contract can be interpreted to give effect to the intentions of the parties.

25. COVENANT AGAINST GRATUITIES

The Contractor warrants that no gratuities (in the form of entertainment, gifts, or otherwise) were offered or given by the Contractor, or any agent or representative of the Contractor, to any officer or employee of the District with a view toward securing the Contract or securing favorable treatment with respect to any determinations concerning the performance of the Contract. For breach or violation of this warranty, the District shall have the right to terminate the Contract, either in whole or in part, and any loss or damage sustained by the District in procuring on the open market any items which Contractor agreed to supply shall be borne and paid for by the Contractor. The rights and remedies of the District provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or in equity.

26. RIGHTS AND REMEDIES OF THE DISTRICT

The rights and remedies of the District provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

27. WAIVER OF RIGHTS

Any action or inaction by the District or the failure of the District on any occasion, to enforce any right or provision of the Contract, shall not be construed to be a waiver by the District of its rights and shall not prevent the District from enforcing such provision or right on any future occasion. Rights and remedies are cumulative and are in addition to any other rights or remedies that the District may have at law or in equity.

28. CONFIDENTIALITY

Contractor agrees to maintain in confidence and not disclose to any person or entity, without the District's prior written consent, any trade secret or confidential information, knowledge or data relating to the products, process, or operation of the District. Contractor further agrees to maintain in confidence and not to disclose to any person or entity, any data, information, technology, or material developed or obtained by Contractor during the term of the Contract. The covenants contained in this paragraph shall survive the termination of this Contract for whatever cause.

EBMUD

EXHIBIT D
IRAN CONTRACTING ACT CERTIFICATION

Pursuant to Public Contract Code (PCC) § 2204, an Iran Contracting Act Certification is required for solicitations of goods or services of $1,000,000 or more.

To submit a bid or proposal to East Bay Municipal Utility District (District), you must complete **ONLY ONE** of the following two paragraphs. To complete paragraph 1, check the corresponding box **and** complete the certification for paragraph 1. To complete paragraph 2, check the corresponding box and attach a copy of the written permission from the District.

☐ 1. We are not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to PCC § 2203(b), and we are not a financial institution extending twenty million dollars ($20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

CERTIFICATION FOR PARAGRAPH 1:

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY, that I am duly authorized to legally bind the proposer/bidder to the clause in paragraph 1. This certification is made under the laws of the State of California.

Firm: _____

By: _____ Date: _____
(Signature of Bidder)

Title: _____

Signed at: _____ County, State of: _____

OR

☐ 2. We have received written permission from the District to submit a bid or proposal pursuant to PCC § 2203(c) or (d). *A copy of the written permission from the District is included with our bid or proposal.*

EXHIBIT E
SPECIFIC REQUIREMENTS

Communication, Site Access and Response Time Requirements

A. Contractor shall be responsible for routine residuals storage management including monitoring bin capacity, moving and swapping filled bins for empty bins, and ensuring sufficient empty bins to avoid wastewater treatment disruption. Contractor may access District's wastewater treatment plant site and/or call District's on-duty Operations Shift Supervisor at any time, as needed to meet these requirements.

B. Contractor shall provide a point of contact that can be reached 24 hours per day, 7 days per week, every day of the year, including holidays, for District personnel to request services. An alternate point of contact must be provided if the regular point of contact is unavailable.

C. Contractor shall arrive at District facilities to move or replace bins as needed to provide additional storage capacity within four (4) hours of any unplanned service requests by District personnel. Unplanned service requests in this context refer to instances in which District personnel did not provide pre-notification in advance that services would be required for the specified time period.

D. Contractor shall arrive at District facilities to move or replace bins as needed to provide additional storage capacity within 90 minutes of any planned service requests by District personnel. Planned service requests in this context refer to instances in which District personnel provided pre-notification in advance that services would be required for the specified time period.

Equipment Requirements

A. Contractor shall use grit storage bins that:

   a. Fit within the two parallel, non-adjustable wheel channels that are installed in the ground underneath District's grit storage hoppers. The wheel channels are 10.25" wide each with a distance of 68.25" between the inner edges of the channels and 90.75" between the outer edges of the channels.

   b. Meet the following dimensions:

      i. Length: 12' minimum

      ii. Width: 7' minimum; 8.5' maximum

      iii. Height: 5' minimum; 8' maximum

      iv. Capacity: 20 cubic yards minimum; 30 cubic yards maximum

   c. Include wheels and front and rear connection points to allow District personnel to hook up a cable winch and move the bins, as needed. Contractor may use District's winch system, if needed.

   d. Include a mechanism to passively drain liquids while being filled and stored on-site.

B. Contractor shall use screenings storage bins that:

    a. Fit within the two parallel, non-adjustable curbs that is installed in the screenings room underneath District's overhead screenings conveyer drop chutes. The curbs are 6" tall and 8' 2" apart from one another.

    b. Meet the following dimensions:

        i. Length: 20' minimum; 25' maximum

        ii. Width: 7' minimum; 8.5' maximum

        iii. Height: 5' minimum; 7.5' maximum

    c. Include wheels and front and rear connection points to allow District personnel to hook up a cable winch and move the bins, as needed. Contractor may use District's winch system, if needed.

    d. Include a mechanism to passively drain liquids while being filled and stored on-site.

C. Contractor shall use scum storage bins that:

    a. Meet the following dimensions:

        i. Height: 5' minimum

        ii. Capacity: 25 cubic yards

    b. Include a mechanism to passively drain liquids while being filled and stored on-site.

D. Contractor shall use food waste pomace storage bins that:

    a. Meet the following dimensions:

        i. Capacity: 25 cubic yards

    b. Include a mechanism to passively drain liquids while being filled and stored on-site.

Other Requirements

A. Contractor shall ensure that all filled storage bins do not leak and will not leak during transit before transporting them either on-site or off-site. Contractor shall consult with District's on-duty Operations Shift Supervisor if concerned that there is a possibility of liquid spilling from the bins during transit.

B. Contractor must store sufficient empty bins on-site to accommodate a minimum of 150 tons of grit with 90 minute bin swaps for planned wet weather events when pre-notified by District personnel. Contractor may store additional empty bins on-site at designated storage area(s) determined by District personnel. Contractor is responsible for housekeeping at the designated storage area(s).

C. Contractor may store filled bins on-site while waiting for the disposal site to open, such as overnight, during weekends and holidays, but the bins must be removed as soon as practical to reduce odors.

D. District will collect samples and perform analytical analyses for regulatory compliance and disposal profiling up to 4 times per year for each waste type. The contractor shall leave the storage bin representing the sampled waste on-site until cleared by District to remove it for disposal, which may take 45 days or longer. The contractor shall allow District personnel to install signage and locking devices on the bins to ensure that they are not accidentally removed before being cleared. District will share the analytical results with the contactor for purposes of disposal site acceptance.

EXHIBIT F
LIST OF DISTRICT-APPROVED TREATMENT AND/OR DISPOSAL SITES FOR VARIOUS WASTE TYPES AS OF APRIL 2025

Note: All of the following transfer, treatment and/or disposal sites have been audited by the District and found to be acceptable, as of the time of the audit, for disposal of waste generated in the course of District projects. Since changes in facility ownership, operation, financial health, and waste acceptance policies may occur at any time among transfer, treatment and disposal facilities, the District makes no guarantee that the facilities listed below will be available or acceptable at the time of disposal. All disposal arrangements need to be pre-approved by the District through the Material Disposal Plan submittal required in Section 01 35 44 of this specification, as well as with the disposal facility through their waste acceptance process. All waste generated in the course of District projects must be treated or disposed of at one of the facilities on this list. If a facility from this list is selected that transfers the waste to another facility for treatment and/or disposal, the District will require evidence that the waste is treated and/or disposed of at one of the approved facilities on this list.

		Type of Waste Accepted	
Facility Name	**Facility Location**	**General**	**Detailed**
Acme Landfill	Martinez, CA	Class II, non-hazardous waste (I and III cells are CLOSED)	Construction-demolition (CD) debris, green waste, scrap metal, wood waste, appliances, other (clean fill, concrete, ceramic tile, asphalt, sheet rock, furniture)
AERC Recycling Solutions (Currently part of Clean Earth, Inc.)	Hayward, CA	Operated under Standardized Hazardous Waste Facility Permit (Series A) with DTSC	Universal waste and e-waste collection and recycling.
Altamont Landfill & Resource Recovery Facility	Livermore, CA	Class II & III non-hazardous waste landfill	Municipal waste, construction debris, industrial waste, contaminated soils, liquid waste, sludges, treated auto shredder waste (TASW) metal, treated wood, green waste, friable and non-friable asbestos
Aqua Clear Farms	Rio Vista, CA	Class II, drilling mud only	Primarily drilling mud and cuttings from oil and gas exploration; typically 20-30% solids, 58-79% water and 1-2% hydrocarbons
California Asbestos Monofill	Copperopolis, CA	inert asbestos-containing waste only	Asbestos and inert waste tires
Chemical Waste Management, Inc. - Kettleman	Kettleman City, CA	Class 1, RCRA and Non-RCRA hazardous waste landfill	Accepts everything but compressed gases, radioactive waste, infectious material, explosives. NOTE: batteries, mercury, acids, acids requiring neutralization, fuels, oil recycling and wastes requiring incineration are transferred offsite for treatment/disposal at secondary facilities. If used, must ensure secondary facility has been audited by District
Clean Harbors (aka Safety Kleen, formerly Laidlaw) - Buttonwillow	Buttonwillow, CA	Class 1, RCRA and Non-RCRA hazardous waste treatment / landfill	All RCRA haz waste (except flammables, PCBs > 50 ppm, med waste, explosives, and rad waste > 20,000 pCi); hazardous bulk solid and liquid wastes
Clean Harbors Environ. Services, Inc. (Formerly Laidlaw)	5756 Alba St., Los Angeles, CA	RCRA and Non-RCRA hazardous waste treatment	Inorganic acids and bases, industrial wastewater, household haz waste, ethylene glycol, waste oils, batteries, incinerator ash, halogenated solvents, fluorescent and mercury lamps, mercury materials, PCBs, labpacks, asbestos

		Type of Waste Accepted	
Facility Name	**Facility Location**	**General**	**Detailed**
Safety-Kleen of California (Clean Harbors, formerly Evergreen Oil, Inc.)	Newark, CA	Class 1, RCRA Part B hazardous waste treatment	used oil, used oil filters, used anti-freeze, RCRA fuel and contaminated petroleum products, and RCRA/non-RCRA oily wastewater
Clean Harbors Environmental Services (formerly Solvent Service, Inc., SSI)	1021 Berryessa Road, San Jose, CA 95133	RCRA and Non-RCRA hazardous waste	Solvents, fuels, oils certain paints, corrosive liquids and solids organic and inorganic wastewaters, bulk and drummed solids, lab packs and RCRA solids (D004-D011, F006, D018-D043). T&S main facility handles container & bulk liquids for transfer - consolidation. Additional rail spur transfer facility is permitted.
Clean Harbors Wilmington LLC (aka Teris LLC - ENSCO West)	Wilmington, CA	RCRA and Non-RCRA hazardous waste	Oil recycling, storage and transfer facility for containerized liquid and solid hazardous waste; wastewaters treated at Clean Harbor's San Jose and/or other CH disposal facilities; incinerable wastes shipped to their Aragonite, UT, Kimball, NE, or El Dorado, AR; landfills sent to their Buttonwillow, CA
Crosby & Overton	Long Beach, CA Oakland, CA transfer station	RCRA Part B and Non-RCRA hazardous waste	Bulk liquids for on-site treatment: non-hazardous hydrocarbon-contaminated water, non-RCRA oily water and RCRA-D001 and/or D-18 (oil waters with gasoline). Drummed liquids & solids (roll-offs & triwalls): non-hazardous, non RCRA & RCRA, lab packs and household hazardous waste.
Depressurized Tech. (DTI)	Morgan Hill, CA	Class I, aerosol cans only (RCRA, non-RCRA, and non-haz)	Aerosol cans recovery & recycling (hazardous/non-hazardous; empty/full/partially full)
D/K Dixon Advance Environmental, Inc., dba World Oil Enviromental Service - Dixon (WOES-Dixon)	7300 Chevron Way, Dixon, CA	Non-RCRA	Used oil, oily water, used antifreeze
Dunbarton Quarry	Fremont, CA	Nonhazardous soil and fill disposal reclamation site	Dumbarton Quarry is operated and maintained by Pacific States Environmental Contractors, Inc. This facility is not open to the public and only accepts fill that is properly sampled/tested and within the acceptance criteria of Dumbarton Quarry. Each project must go through an environmental review prior to acceptance.
ECDC Environmental, L.C.	East Carbon, UT	Class V, non-RCRA hazardous waste	non-RCRA hazardous waste contaminated soils, non-regulated PCB wastes, municipal solid waste, commercial and industrial solid waste, construction/demolition waste; special waste allowed by Utah (e.g. Califinornia hazardous waste)
Evoqua Water Technologies (formerly Norris Environmental, U.S. Filter Recovery, Siemens Water Technologies)	Vernon, CA	Class I, RCRA hazardous waste treatment	RCRA solid and liquid waste treatment: acids, caustics, cyanide, chromate, trace organic compounds, hydrocarbons/oils

		Type of Waste Accepted	
Facility Name	**Facility Location**	**General**	**Detailed**
Forward Landfill, Inc.	Manteca, CA	Class II and III; non-hazardous waste	Non-hazardous waste, PCBs, and oily waste, friable and non-friable asbestos; trench spoils, drilling muds, sewage sludge, construction debris, oily soils
Jess Ranch	15850 Jess Ranch Rd., Tracy, CA95377	Clean fill and biosolids	Clean fill but only after testing including processed organic materials (food waste, green waste, wood waste). Other feedstock may include: organics, contaminated paper, natural fiber products and other inert materials (gypsum, clean C&D, untreated wood waste), biosolids organics composting facility
John Smith Road Landfill	2650 John Smith Road, Hollister, CA	Municipal solid waste and household hazardous waste	Residential waste, asphalt, concrete, tires, wood waste, and household hazardous wastes accepted. This landfill no longer aceepts biosolids.
Keller Canyon Landfill Company (Republic Services)	901 Baily Rd. Pittsburg, CA	California Class II and III landfill that meets Federal Subtitle D requirements	Municipal solid waste, selected contaminated soils, shredder waste, commercial and industrial waste, filter cake/dewatered sludge, agricultural waste, construction/demolition debris, sewage sludge, spent catalyst fines, cannery waste, clean soils, off-spec products
Kleen Industrial Services/ Kleen Blast	Hayward, CA	New and recycled paint blast	New copper slag for paint blasting. Used slag can be returned to Kleen Blast and recycled if passes the TCLP test and is not RCRA hazardous waste. Used blast must be evaluated by the District's Regulatory Compliance Office BEFORE it is given to this vendor.
La Vista Quarry	28814 Mission Blvd., Hayward, CA	Class III, Construction Debris	Asphalt & concrete (<3' long), concrete with rebar (<3" from concrete), clean rock and gravel, asphalt roof tiles, broken toilets for recycling and with hardware removed.
Lighting Resources, LLC	1522 East Victory St, #4, Phoenix, AZ	Universal waste recycling	Commercial recyling facility for waste fluorescent lamps, ballasts, batteries, electronic waste and mercury devices.
Newby Island Sanitary Landfill	Milpitas, CA	Class III, non-hazardous waste	Municipal solid wastes, industrial waste, construction/demolition waste, contaminated soils, clean soils, water treatment sludge, and wastewater sludge, grit, and screenings. No liquids, asbestos, or untreated infectious materials.
Phibro-Tech, Inc.	Santa Fe Springs, CA	RCRA hazardous waste treatment and recycler/recovery	Metals, ammonia, copper metal, acids (etchants), inorganic acidic and alkaline material recovery
Philip Services Corp, dba 21st Century EMI	Fernely, NV	RCRA TSDF recycler	Alkaline batteries for shredding and recycling, inorganic liquid wastes (acids and bases), lab packs containing total organic carbon at or less than 10% per drum. Also a transfer facility to organic wastes.
Potrero Hills Landfill	Suisun City, CA	Class III, Municipal Solid Waste Landfill	Municipal solid waste, agriculture and industrial waste, construction/demolition waste, composts green waste, electronic and 'white goods' recycling. We send our waste polymer sump rinsate to this facility.
Rabanco (Roosevelt Regional Landfill), Allied Waste Services, a Republic Services Company	Roosevelt, WA	Class III, non-hazardous waste	Municipal solid waste, construction debris, industrial waste, friable and non-friable asbestos, incinerator ash, contaminated waste. No liquids accepted.

		Type of Waste Accepted	
Facility Name	**Facility Location**	**General**	**Detailed**
Recology - Hay Road Landfill	Vacaville, CA do not use site in Gilroy, CA 95020	Class II, Municipal Solid Waste Landfill	Municipal solid waste, agriculture and industrial waste, construction/demolition waste, sewage sludge and resell treated biosolids; recycling program of green, food, and wood wastes for composting, reuse of concrete and asphalt, and transfer station for e-waste, tires, and metals. Also accepts NON-hazardous waste contaminated soils, friable and non-friable asbestos, and other designated special wastes.
Redwood Landfill	Novato, CA	Class III, non-hazardous waste	Municipal solid waste, construction debris, petroleum-contaminated soil, grit and grease, dredge and fill material, non-friable asbestos, incinerator ash, treated wood, storm drain cleanings, holding tank pumpings, agricultural wastes, triple-rinsed pesticide containers, sewage sludge. No liquids accepted.
Rho-Chem, LLC. (subsidiary of Philip Services Corp)	Inglewood, LA County, CA	RCRA storage and treatment	Class I - RCRA and Non-RCRA - spent solid and liquid recycler
RMC Pacific	Pleasanton, CA	Clean fill and concrete recycling	A good source of clean fill to purchase. If bringing unneeded construction material such as concrete debris, construction debris and/or asphalt debris, do NOT deposit this material at the Granite and Central Concrete sites located within the RMC site. Deposit this materila onto the RMC site only
Rock Creek Landfill (Calaveras Co. owned)	Milton, CA	Class II, non-hazardous waste	Municipal garbage, construction /demolition debris, petroleum-contaminated soil <1000 ppm, sludge, ash, tires, green waste, treated wood; **accepts wastes generated in Calaveras County and parts of Alpine County (whose access to local dump is cut off during winter) only**
Safety Kleen	Denton, TX	Class I, RCRA and Non-RCRA hazardous waste	Hazardous waste recycling, metals recovery, and bulk storage liquid and solid hazardous waste.
Safety-Kleen, Sacramento	Sacramento, CA	RCRA and Non-RCRA hazardous waste	Paint, dry cleaning solvents, antifreeze, mineral spirits, immersion cleaning solvents, oil filters, photochemical solutions steel wool cartridges and silverflake for recycling and transferring to other treatment facilities.
Salesco Systems USA	Phoenix, AZ	RCRA and non-RCRA solid and liquid mercury and PCB waste from electrical components	Mercury wastes including liquid mercury, mercury compounds and solutions, and mercury contaminated soil; all types of lamps (sodium and mercury vapor, fluorescent, neon); activated carbon contaminated with mercury; PPE contaminated with mercury; PCB wastes from ballasts, transformers and other electrical equipment
Simco Rd. Regional Landfill, owned/operated by Idaho Waste Systems, Inc.	Boise, ID	Class III, RCRA Subtitle D, Non-haz municipal fill, solid waste	Municipal solid waste, sewage sledge, C&D waste, contaminated soil, asbestos, non-haz special wastes, liquids
US Ecology, Inc.	Beatty, NV	Class I, RCRA and Non-RCRA hazardous waste	RCRA (D, F, D, P and U authorized waste codes), solid chemical wastes, drummed and bulk solid wastes, PCB-contaminated materials at TSCA levels (liquid and solids), filter concentrate and cake and corrosive liquids

		Type of Waste Accepted	
Facility Name	**Facility Location**	**General**	**Detailed**
Vasco Road Landfill, LLC (Republic Services)	Livermore, CA	Class II and III non-hazardous waste	Municipal solid wastes, construction & demolition debris INCLUDING dry wall and non-friable asbestos containing materials, clean (naturally uncontaminated) soil, sewage & wastewater treatment sludge & grit, industrial sludges & filters from cleaning processes (foundry slag and sand), petroleum & lead contaminated soils and drilling muds (Class II and III), green waste for recycling (bio-solids, scrap metal, asphalt/concrete crushing).
Veolia Environmental Services (ES) Technical Solutions (Formerly AETS)	Richmond, CA	Oil recycling, containerized RCRA and non-RCRA hazardous waste for transfer	RCRA and non-RCRA haz wastes, household haz waste for transfer to secondary facility for treatment and/or packaging - disposal. Accepts: wastewater, contaminated soils, inorganics, organics, paint sludges, pesticides, reactives, halogenated and nonhalogenated solvents, heavy metals, acids, caustics, and oils. **NOTE: if this facility is used, ensure final disposal facility is approved for EBMUD use**
Vulcan Materials Co.	Pleasanton, CA	Class III, Land reclamation & aggregates recycling	Low moisture content, non-water soluble, non-decomposable, non-hazardous inert wastes. Construction & demolition wastes and excavated earth. Clean fill (no contaminants or organic material). Recycled asphalt, cinder blocks, bricks, concrete, clean rock/gravel. No liquids.
West Winton Ave. Landfill (aka Russell City Dump, All City Dump, KOFY site, AC Flood Control Dist disposal site).	Hayward, CA	Class III (Limited Operation)	Accepts clean soil with bits of asphalt. No concrete
World Oil Reycling	Compton, CA	Operated under a Hazardous Waste Facility Permit by DTSC	Used oil recycling facility. Also accepts oily wastewater, oily solids, waste fuels, contaminated petroleum products, oil filters, used antifreeze, and paints.

Do not use Lakeland Processing Company, Santa Fe Springs, CA

American Recovery filed for Bankruptcy in 2006 they have since closed and have been removed from the list.

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EXHIBIT G
WASTE CHARACTERIZATION DATA

McCampbell Analytical, Inc.
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Analytical Report

WorkOrder: 2504F96

Report Created for: East Bay Municipal Utility District (EBMUD)

2020 Wake Avenue
Oakland, CA 94607

Project Contact: Sue Berg
Project P.O.: EBM223206
Project: SD 1 Grit & Scum: Annual Monitoring

Project Location:
Project Received: 04/22/2025

Analytical Report reviewed & approved for release on 04/28/2025 by:

Angela Rydelius
Laboratory Manager

McCampbell Analytical, Inc.
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Glossary of Terms & Qualifier Definitions

Client: East Bay Municipal Utility District (EBMUD) **WorkOrder:** 2504F96

Project: SD 1 Grit & Scum: Annual Monitoring

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: East Bay Municipal Utility District (EBMUD) **WorkOrder:** 2504F96

Project: SD 1 Grit & Scum: Annual Monitoring

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
a4	Reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
h2	Silica-gel (EPA 3630) cleanup

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW5030B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8260D
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC49 04232515.D	315850

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	**0.83**		0.48	0.80	2	04/23/2025 17:17
tert-Amyl methyl ether (TAME)	ND		0.0048	0.020	2	04/23/2025 17:17
Benzene	ND		0.0038	0.020	2	04/23/2025 17:17
Bromobenzene	ND		0.0048	0.020	2	04/23/2025 17:17
Bromochloromethane	ND		0.0044	0.020	2	04/23/2025 17:17
Bromodichloromethane	ND		0.00092	0.020	2	04/23/2025 17:17
Bromoform	ND		0.015	0.020	2	04/23/2025 17:17
Bromomethane	ND		0.0072	0.020	2	04/23/2025 17:17
2-Butanone (MEK)	**0.18**	J	0.16	0.40	2	04/23/2025 17:17
t-Butyl alcohol (TBA)	ND		0.096	0.20	2	04/23/2025 17:17
n-Butyl benzene	**0.092**		0.0064	0.020	2	04/23/2025 17:17
sec-Butyl benzene	**0.014**	J	0.0072	0.020	2	04/23/2025 17:17
tert-Butyl benzene	ND		0.0084	0.020	2	04/23/2025 17:17
Carbon Disulfide	**0.0071**	J	0.0044	0.020	2	04/23/2025 17:17
Carbon Tetrachloride	**0.0018**	J	0.00068	0.020	2	04/23/2025 17:17
Chlorobenzene	ND		0.0048	0.020	2	04/23/2025 17:17
Chloroethane	ND		0.0068	0.020	2	04/23/2025 17:17
Chloroform	**0.12**		0.0013	0.020	2	04/23/2025 17:17
Chloromethane	ND		0.0068	0.020	2	04/23/2025 17:17
2-Chlorotoluene	ND		0.0064	0.020	2	04/23/2025 17:17
4-Chlorotoluene	ND		0.0052	0.020	2	04/23/2025 17:17
Dibromochloromethane	ND		0.0016	0.020	2	04/23/2025 17:17
1,2-Dibromo-3-chloropropane	ND		0.0019	0.0020	2	04/23/2025 17:17
1,2-Dibromoethane (EDB)	ND		0.00052	0.0010	2	04/23/2025 17:17
Dibromomethane	ND		0.0048	0.020	2	04/23/2025 17:17
1,2-Dichlorobenzene	ND		0.0068	0.020	2	04/23/2025 17:17
1,3-Dichlorobenzene	ND		0.0060	0.020	2	04/23/2025 17:17
1,4-Dichlorobenzene	**0.012**	J	0.0060	0.020	2	04/23/2025 17:17
Dichlorodifluoromethane	ND		0.0025	0.020	2	04/23/2025 17:17
1,1-Dichloroethane	ND		0.0060	0.020	2	04/23/2025 17:17
1,2-Dichloroethane (1,2-DCA)	ND		0.00028	0.00040	2	04/23/2025 17:17
1,1-Dichloroethene	ND		0.00044	0.020	2	04/23/2025 17:17
cis-1,2-Dichloroethene	ND		0.0048	0.020	2	04/23/2025 17:17
trans-1,2-Dichloroethene	ND		0.0048	0.020	2	04/23/2025 17:17
1,2-Dichloropropane	ND		0.0052	0.020	2	04/23/2025 17:17
1,3-Dichloropropane	ND		0.0035	0.020	2	04/23/2025 17:17

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW5030B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8260D
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC49 04232515.D	315850

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,2-Dichloropropane	ND		0.0076	0.020	2	04/23/2025 17:17
1,1-Dichloropropene	ND		0.0072	0.020	2	04/23/2025 17:17
cis-1,3-Dichloropropene	ND		0.0039	0.020	2	04/23/2025 17:17
trans-1,3-Dichloropropene	ND		0.0039	0.020	2	04/23/2025 17:17
Diisopropyl ether (DIPE)	ND		0.0072	0.020	2	04/23/2025 17:17
Ethylbenzene	**0.0058**	J	0.0044	0.020	2	04/23/2025 17:17
Ethyl tert-butyl ether (ETBE)	ND		0.0056	0.020	2	04/23/2025 17:17
Freon 113	ND		0.0044	0.020	2	04/23/2025 17:17
Hexachlorobutadiene	ND		0.0048	0.020	2	04/23/2025 17:17
Hexachloroethane	ND		0.0026	0.020	2	04/23/2025 17:17
2-Hexanone	ND		0.011	0.020	2	04/23/2025 17:17
Isopropylbenzene	ND		0.0072	0.020	2	04/23/2025 17:17
4-Isopropyl toluene	**0.17**		0.0076	0.020	2	04/23/2025 17:17
Methyl-t-butyl ether (MTBE)	ND		0.0060	0.020	2	04/23/2025 17:17
Methylene chloride	ND		0.048	0.080	2	04/23/2025 17:17
4-Methyl-2-pentanone (MIBK)	ND		0.0068	0.020	2	04/23/2025 17:17
Naphthalene	ND		0.012	0.020	2	04/23/2025 17:17
n-Propyl benzene	ND		0.0076	0.020	2	04/23/2025 17:17
Styrene	**0.0059**	J	0.0056	0.020	2	04/23/2025 17:17
1,1,1,2-Tetrachloroethane	ND		0.0052	0.020	2	04/23/2025 17:17
1,1,2,2-Tetrachloroethane	ND		0.0018	0.020	2	04/23/2025 17:17
Tetrachloroethene	**0.0042**	J	0.0012	0.020	2	04/23/2025 17:17
Toluene	**0.36**		0.0064	0.020	2	04/23/2025 17:17
1,2,3-Trichlorobenzene	ND		0.0084	0.020	2	04/23/2025 17:17
1,2,4-Trichlorobenzene	ND		0.0064	0.020	2	04/23/2025 17:17
1,1,1-Trichloroethane	ND		0.0064	0.020	2	04/23/2025 17:17
1,1,2-Trichloroethane	ND		0.0048	0.020	2	04/23/2025 17:17
Trichloroethene	ND		0.0056	0.020	2	04/23/2025 17:17
Trichlorofluoromethane	ND		0.0052	0.020	2	04/23/2025 17:17
1,2,3-Trichloropropane	ND		0.00068	0.0010	2	04/23/2025 17:17
1,2,4-Trimethylbenzene	**0.0081**	J	0.0064	0.020	2	04/23/2025 17:17
1,3,5-Trimethylbenzene	ND		0.0068	0.020	2	04/23/2025 17:17
Vinyl Chloride	ND		0.00048	0.0010	2	04/23/2025 17:17
m,p-Xylene	ND		0.010	0.020	2	04/23/2025 17:17
o-Xylene	ND		0.0056	0.020	2	04/23/2025 17:17
Xylenes, Total	ND		NA	0.020	2	04/23/2025 17:17

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW5030B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8260D
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC49 04232515.D	315850

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**		**Limits**		
Dibromofluoromethane	100			70-140		04/23/2025 17:17
Toluene-d8	106			70-140		04/23/2025 17:17
4-BFB	90			70-140		04/23/2025 17:17
Benzene-d6	57			50-140		04/23/2025 17:17
Ethylbenzene-d10	47	S		50-140		04/23/2025 17:17
1,2-DCB-d4	44			40-140		04/23/2025 17:17

Analyst(s): EVA

Analytical Comments: c1

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW3550B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8270E
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC21 04232528.D	315801

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.056	0.26	20	04/23/2025 19:44
Acenaphthylene	ND		0.070	0.26	20	04/23/2025 19:44
Acetochlor	ND		14	50	20	04/23/2025 19:44
Anthracene	**0.099**	J	0.098	0.26	20	04/23/2025 19:44
Benzidine	ND		32	50	20	04/23/2025 19:44
Benzo (a) anthracene	ND		1.1	2.5	20	04/23/2025 19:44
Benzo (a) pyrene	ND		0.18	0.26	20	04/23/2025 19:44
Benzo (b) fluoranthene	ND		0.18	0.50	20	04/23/2025 19:44
Benzo (g,h,i) perylene	ND		0.20	0.50	20	04/23/2025 19:44
Benzo (k) fluoranthene	ND		0.18	0.50	20	04/23/2025 19:44
Benzoic Acid	ND		40	250	20	04/23/2025 19:44
Benzyl Alcohol	ND		72	250	20	04/23/2025 19:44
1,1-Biphenyl	ND		0.56	1.0	20	04/23/2025 19:44
Bis (2-chloroethoxy) Methane	ND		16	50	20	04/23/2025 19:44
Bis (2-chloroethyl) Ether	ND		0.088	0.26	20	04/23/2025 19:44
Bis (2-chloroisopropyl) Ether	ND		0.26	0.50	20	04/23/2025 19:44
Bis (2-ethylhexyl) Adipate	ND		6.2	50	20	04/23/2025 19:44
Bis (2-ethylhexyl) Phthalate	ND		3.8	12	20	04/23/2025 19:44
4-Bromophenyl Phenyl Ether	ND		18	50	20	04/23/2025 19:44
Butylbenzyl Phthalate	ND		0.88	12	20	04/23/2025 19:44
4-Chloroaniline	ND		0.10	0.26	20	04/23/2025 19:44
4-Chloro-3-methylphenol	ND		15	50	20	04/23/2025 19:44
2-Chloronaphthalene	ND		24	50	20	04/23/2025 19:44
2-Chlorophenol	ND		0.80	2.5	20	04/23/2025 19:44
4-Chlorophenyl Phenyl Ether	ND		20	50	20	04/23/2025 19:44
Chrysene	ND		0.076	0.26	20	04/23/2025 19:44
Dibenzo (a,h) anthracene	ND		0.24	0.50	20	04/23/2025 19:44
Dibenzofuran	ND		0.10	0.26	20	04/23/2025 19:44
Di-n-butyl Phthalate	ND		0.98	12	20	04/23/2025 19:44
1,2-Dichlorobenzene	ND		20	50	20	04/23/2025 19:44
1,3-Dichlorobenzene	ND		18	50	20	04/23/2025 19:44
1,4-Dichlorobenzene	ND		16	50	20	04/23/2025 19:44
3,3-Dichlorobenzidine	ND		0.068	0.26	20	04/23/2025 19:44
2,4-Dichlorophenol	ND		0.20	0.50	20	04/23/2025 19:44
2,6-Dichlorophenol	ND		0.82	2.5	20	04/23/2025 19:44
Diethyl Phthalate	ND		0.96	2.5	20	04/23/2025 19:44

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW3550B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8270E
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC21 04232528.D	315801

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dimethylphenol	ND		3.4	50	20	04/23/2025 19:44
Dimethyl Phthalate	ND		0.14	0.50	20	04/23/2025 19:44
4,6-Dinitro-2-methylphenol	ND		140	250	20	04/23/2025 19:44
2,4-Dinitrophenol	ND		17	50	20	04/23/2025 19:44
2,4-Dinitrotoluene	ND		1.3	2.5	20	04/23/2025 19:44
2,6-Dinitrotoluene	ND		1.4	2.5	20	04/23/2025 19:44
Di-n-octyl Phthalate	ND		40	120	20	04/23/2025 19:44
1,2-Diphenylhydrazine	ND		14	50	20	04/23/2025 19:44
Fluoranthene	ND		0.14	0.50	20	04/23/2025 19:44
Fluorene	ND		0.18	0.50	20	04/23/2025 19:44
Hexachlorobenzene	ND		0.058	0.26	20	04/23/2025 19:44
Hexachlorobutadiene	ND		0.066	0.26	20	04/23/2025 19:44
Hexachlorocyclopentadiene	ND		74	250	20	04/23/2025 19:44
Hexachloroethane	ND		0.17	0.50	20	04/23/2025 19:44
Indeno (1,2,3-cd) pyrene	ND		0.20	0.50	20	04/23/2025 19:44
Isophorone	ND		14	50	20	04/23/2025 19:44
1-Methylnaphthalene	ND		0.11	0.26	20	04/23/2025 19:44
2-Methylnaphthalene	ND		0.10	0.26	20	04/23/2025 19:44
2-Methylphenol (o-Cresol)	ND		19	50	20	04/23/2025 19:44
3 & 4-Methylphenol (m,p-Cresol)	ND		18	50	20	04/23/2025 19:44
Naphthalene	ND		0.13	0.50	20	04/23/2025 19:44
2-Nitroaniline	ND		64	250	20	04/23/2025 19:44
3-Nitroaniline	ND		18	250	20	04/23/2025 19:44
4-Nitroaniline	ND		42	250	20	04/23/2025 19:44
Nitrobenzene	ND		15	50	20	04/23/2025 19:44
2-Nitrophenol	ND		100	250	20	04/23/2025 19:44
4-Nitrophenol	ND		18	250	20	04/23/2025 19:44
N-Nitrosodimethylamine	ND		16	50	20	04/23/2025 19:44
N-Nitrosodi-n-propylamine	ND		24	50	20	04/23/2025 19:44
N-Nitrosodiphenylamine	ND		17	50	20	04/23/2025 19:44
Pentachlorophenol	ND		4.0	12	20	04/23/2025 19:44
Phenanthrene	**0.092**	J	0.088	0.26	20	04/23/2025 19:44
Phenol	ND		0.54	2.0	20	04/23/2025 19:44
Pyrene	**0.11**	J	0.060	0.26	20	04/23/2025 19:44
Pyridine	ND		6.8	50	20	04/23/2025 19:44
1,2,4-Trichlorobenzene	ND		19	50	20	04/23/2025 19:44

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW3550B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8270E
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC21 04232528.D	315801

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4,5-Trichlorophenol	ND		0.18	0.50	20	04/23/2025 19:44
2,4,6-Trichlorophenol	ND		0.32	0.50	20	04/23/2025 19:44
2,3,4,6-Tetrachlorophenol	ND		20	50	20	04/23/2025 19:44

Surrogates	REC (%)	Limits	
2-Fluorophenol	79	60-130	04/23/2025 19:44
Phenol-d5	76	50-130	04/23/2025 19:44
Nitrobenzene-d5	66	60-130	04/23/2025 19:44
2-Fluorobiphenyl	80	60-130	04/23/2025 19:44
2,4,6-Tribromophenol	53	50-130	04/23/2025 19:44
4-Terphenyl-d14	90	50-130	04/23/2025 19:44

Analyst(s): MV

Analytical Comments: a4,a3

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	E9071B
Date Prepared:	04/23/2025	**Analytical Method:**	E9071B
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Hexane Extractable Material without Silica Gel Treatment

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	O&G	315923

Analytes	Result	MDL	RL	DF	Date Analyzed
HEM	**5800**	19	50	1	04/23/2025 10:40

Analyst(s): HN

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	E9071B
Date Prepared:	04/23/2025	**Analytical Method:**	E9071B
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Hexane Extractable Material with Silica Gel Treatment

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	O&G	315924

Analytes	Result	MDL	RL	DF	Date Analyzed
SGT-HEM	**280**	18	100	2	04/23/2025 11:05

Analyst(s): HN

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW3050B
Date Prepared:	04/23/2025	**Analytical Method:**	SW6020
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	ICP-MS6 118SMPL.d	315873

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Antimony	**0.084**	J	0.075	0.50	1	04/23/2025 16:32
Arsenic	**0.15**	J	0.10	0.50	1	04/23/2025 16:32
Barium	**14**		0.58	5.0	1	04/23/2025 16:32
Beryllium	ND		0.082	0.50	1	04/23/2025 16:32
Cadmium	**0.081**	J	0.073	0.50	1	04/23/2025 16:32
Chromium	**4.6**		0.14	0.50	1	04/23/2025 16:32
Cobalt	**0.37**	J	0.052	0.50	1	04/23/2025 16:32
Copper	**20**		0.15	0.50	1	04/23/2025 16:32
Lead	**12**		0.11	0.50	1	04/23/2025 16:32
Mercury	**0.13**		0.040	0.050	1	04/23/2025 16:32
Molybdenum	**0.58**		0.089	0.50	1	04/23/2025 16:32
Nickel	**3.5**		0.25	0.50	1	04/23/2025 16:32
Selenium	ND		0.20	0.50	1	04/23/2025 16:32
Silver	ND		0.066	0.50	1	04/23/2025 16:32
Thallium	ND		0.072	0.50	1	04/23/2025 16:32
Vanadium	**1.6**		0.10	0.50	1	04/23/2025 16:32
Zinc	**65**		1.5	5.0	1	04/23/2025 16:32

Surrogates	REC (%)	Limits	
Terbium	93	70-130	04/23/2025 16:32

Analyst(s): AL

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW3550B/3630C
Date Prepared:	04/22/2025	**Analytical Method:**	SW8015B
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC9a 04252572.D	315853

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**160**	17	20	1	04/26/2025 07:03
TPH-Motor Oil (C18-C36)	**310**	43	100	1	04/26/2025 07:03

Surrogates	REC (%)	Limits	
C9	106	75-154	04/26/2025 07:03

Analyst(s): TD

Analytical Comments: e7,e2,h2

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Received:	04/22/2025 15:10	**Extraction Method:**	SW5030B
Date Prepared:	04/22/2025	**Analytical Method:**	SW8015B
Project:	SD 1 Grit & Scum: Annual Monitoring	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036055-01	2504F96-001A	Solid	04/21/2025 08:10	GC7 04232508.D	315848

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**63**	44	50	10	04/23/2025 10:25

Surrogates	REC (%)	Limits	
2-Fluorotoluene	88	60-140	04/23/2025 10:25

Analyst(s): IA Analytical Comments: d9

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.12			0.125	96	70-140
Toluene-d8	0.14			0.125	111	70-140
4-BFB	0.012			0.0125	93	70-140
Benzene-d6	0.096			0.1	96	70-140
Ethylbenzene-d10	0.11			0.1	113	70-140
1,2-DCB-d4	0.070			0.1	70	70-140

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.18	0.17	0.20	91	83	60-140	9.31	30
tert-Amyl methyl ether (TAME)	0.013	0.012	0.020	66	61	50-140	8.90	30
Benzene	0.018	0.017	0.020	89	83	60-140	7.04	30
Bromobenzene	0.018	0.017	0.020	92	84	60-140	9.12	30
Bromochloromethane	0.018	0.016	0.020	89	82	60-140	8.31	30
Bromodichloromethane	0.016	0.015	0.020	81	75	60-140	8.11	30
Bromoform	0.012	0.011	0.020	60	55	40-140	9.82	30
Bromomethane	0.023	0.021	0.020	116	104	30-140	10.7	30
2-Butanone (MEK)	0.057	0.056	0.080	71	70	50-140	1.20	30
t-Butyl alcohol (TBA)	0.056	0.050	0.080	70	63	50-140	11.1	30
n-Butyl benzene	0.024	0.022	0.020	120	110	60-150	8.48	30
sec-Butyl benzene	0.025	0.023	0.020	124	116	60-150	6.79	30
tert-Butyl benzene	0.024	0.022	0.020	118	110	60-140	6.90	30
Carbon Disulfide	0.020	0.019	0.020	101	94	50-140	7.01	30
Carbon Tetrachloride	0.018	0.017	0.020	91	86	60-140	6.54	30
Chlorobenzene	0.018	0.017	0.020	92	85	60-140	7.93	30
Chloroethane	0.017	0.016	0.020	86	80	50-140	6.14	30
Chloroform	0.018	0.017	0.020	91	84	60-140	7.74	30
Chloromethane	0.014	0.013	0.020	72	64	20-140	10.5	30
2-Chlorotoluene	0.022	0.020	0.020	109	101	60-140	7.72	30
4-Chlorotoluene	0.021	0.021	0.020	107	103	60-140	3.54	30
Dibromochloromethane	0.015	0.014	0.020	76	71	50-140	7.31	30
1,2-Dibromo-3-chloropropane	0.0074	0.0049	0.010	74	49	30-140	40.0,F2	30
1,2-Dibromoethane (EDB)	0.0078	0.0071	0.010	78	71	40-140	9.11	30
Dibromomethane	0.016	0.015	0.020	82	77	60-140	6.00	30
1,2-Dichlorobenzene	0.020	0.018	0.020	100	90	60-140	10.6	30
1,3-Dichlorobenzene	0.020	0.018	0.020	98	92	60-140	6.06	30
1,4-Dichlorobenzene	0.019	0.018	0.020	95	89	60-140	6.36	30
Dichlorodifluoromethane	0.0068	0.0063	0.020	34	32	10-140	8.32	30
1,1-Dichloroethane	0.019	0.017	0.020	93	86	60-140	7.73	30
1,2-Dichloroethane (1,2-DCA)	0.016	0.015	0.020	79	73	60-140	8.20	30
1,1-Dichloroethene	0.020	0.018	0.020	99	90	60-140	9.09	30
cis-1,2-Dichloroethene	0.019	0.018	0.020	94	89	60-140	4.74	30
trans-1,2-Dichloroethene	0.020	0.019	0.020	101	95	60-140	6.66	30
1,2-Dichloropropane	0.018	0.017	0.020	91	84	60-140	7.33	30
1,3-Dichloropropane	0.017	0.016	0.020	84	78	60-140	7.78	30
2,2-Dichloropropane	0.019	0.018	0.020	97	92	60-140	5.45	30
1,1-Dichloropropene	0.019	0.018	0.020	96	89	60-140	7.22	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.017	0.016	0.020	86	79	60-140	8.78	30
trans-1,3-Dichloropropene	0.017	0.016	0.020	86	79	60-140	8.50	30
Diisopropyl ether (DIPE)	0.016	0.015	0.020	82	76	60-140	8.24	30
Ethylbenzene	0.019	0.018	0.020	95	88	60-140	7.42	30
Ethyl tert-butyl ether (ETBE)	0.015	0.014	0.020	76	70	60-140	8.58	30
Freon 113	0.017	0.016	0.020	85	78	50-140	7.75	30
Hexachlorobutadiene	0.021	0.019	0.020	103	97	60-140	6.31	30
Hexachloroethane	0.021	0.020	0.020	106	101	60-140	5.08	30
2-Hexanone	0.0095	0.0098	0.020	47	49	40-140	3.68	30
Isopropylbenzene	0.024	0.022	0.020	120	112	60-140	6.61	30
4-Isopropyl toluene	0.023	0.022	0.020	117	109	60-150	7.13	30
Methyl-t-butyl ether (MTBE)	0.015	0.013	0.020	73	67	50-140	8.09	30
Methylene chloride	0.024	0.022	0.020	121	112	60-140	7.73	30
4-Methyl-2-pentanone (MIBK)	0.011	0.011	0.020	57	53	50-140	7.44	30
Naphthalene	0.012	0.0039	0.020	61	19,F2	30-140	103,F2	30
n-Propyl benzene	0.024	0.023	0.020	122	113	60-140	7.42	30
Styrene	0.016	0.015	0.020	82	77	60-140	6.72	30
1,1,1,2-Tetrachloroethane	0.017	0.016	0.020	86	81	60-140	6.44	30
1,1,2,2-Tetrachloroethane	0.016	0.014	0.020	80	69	40-140	14.9	30
Tetrachloroethene	0.020	0.018	0.020	100	92	60-140	8.91	30
Toluene	0.020	0.018	0.020	98	91	60-140	6.90	30
1,2,3-Trichlorobenzene	0.012	0.0061	0.020	60	31,F2	40-140	64.9,F2	30
1,2,4-Trichlorobenzene	0.012	0.0089	0.020	61	45,F2	50-140	31.2,F2	30
1,1,1-Trichloroethane	0.018	0.017	0.020	91	86	60-140	5.42	30
1,1,2-Trichloroethane	0.017	0.015	0.020	84	77	60-140	8.35	30
Trichloroethene	0.020	0.018	0.020	98	91	60-140	6.79	30
Trichlorofluoromethane	0.017	0.015	0.020	83	77	50-140	7.93	30
1,2,3-Trichloropropane	0.0088	0.0079	0.010	88	79	60-130	10.8	30
1,2,4-Trimethylbenzene	0.020	0.018	0.020	101	92	30-140	9.64	30
1,3,5-Trimethylbenzene	0.022	0.020	0.020	111	102	60-140	8.34	30
Vinyl Chloride	0.0092	0.0085	0.010	92	85	30-140	8.56	30
m,p-Xylene	0.039	0.036	0.040	98	91	60-140	8.19	30
o-Xylene	0.017	0.016	0.020	87	79	60-140	9.42	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315850
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315850

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.12	0.12	0.12	97	97	70-140	0.111	30
Toluene-d8	0.14	0.14	0.12	112	111	70-140	0.310	30
4-BFB	0.012	0.012	0.012	95	98	70-140	2.37	30
Benzene-d6	0.099	0.093	0.10	99	93	70-140	6.69	30
Ethylbenzene-d10	0.12	0.11	0.10	121	111	70-140	9.05	30
1,2-DCB-d4	0.074	0.071	0.10	74	71	70-140	3.92	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acenaphthene	ND	0.00028	0.0013	-	-	-
Acenaphthylene	ND	0.00035	0.0013	-	-	-
Acetochlor	ND	0.070	0.25	-	-	-
Anthracene	ND	0.00049	0.0013	-	-	-
Benzidine	ND	0.16	0.25	-	-	-
Benzo (a) anthracene	ND	0.0054	0.012	-	-	-
Benzo (a) pyrene	ND	0.00090	0.0013	-	-	-
Benzo (b) fluoranthene	ND	0.00088	0.0025	-	-	-
Benzo (g,h,i) perylene	ND	0.0010	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.00088	0.0025	-	-	-
Benzoic Acid	ND	0.20	1.2	-	-	-
Benzyl Alcohol	ND	0.36	1.2	-	-	-
1,1-Biphenyl	ND	0.0028	0.0050	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.082	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00044	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0013	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.031	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.019	0.062	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.088	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0044	0.062	-	-	-
4-Chloro-3-methylphenol	ND	0.074	0.25	-	-	-
4-Chloroaniline	ND	0.00051	0.0013	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0040	0.012	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.10	0.25	-	-	-
Chrysene	ND	0.00038	0.0013	-	-	-
Dibenzo (a,h) anthracene	ND	0.0012	0.0025	-	-	-
Dibenzofuran	ND	0.00051	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0049	0.062	-	-	-
1,2-Dichlorobenzene	ND	0.098	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.092	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.078	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00034	0.0013	-	-	-
2,4-Dichlorophenol	ND	0.0010	0.0025	-	-	-
Diethyl Phthalate	ND	0.0048	0.012	-	-	-
2,4-Dimethylphenol	ND	0.017	0.25	-	-	-
Dimethyl Phthalate	ND	0.00069	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.71	1.2	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
2,4-Dinitrophenol	ND	0.084	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.0066	0.012	-	-	-
2,6-Dichlorophenol	ND	0.0041	0.012	-	-	-
2,6-Dinitrotoluene	ND	0.0072	0.012	-	-	-
Di-n-octyl Phthalate	ND	0.20	0.62	-	-	-
1,2-Diphenylhydrazine	ND	0.072	0.25	-	-	-
Fluoranthene	ND	0.00069	0.0025	-	-	-
Fluorene	ND	0.00091	0.0025	-	-	-
Hexachlorobenzene	ND	0.00029	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00033	0.0013	-	-	-
Hexachlorocyclopentadiene	ND	0.37	1.2	-	-	-
Hexachloroethane	ND	0.00084	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0010	0.0025	-	-	-
Isophorone	ND	0.069	0.25	-	-	-
1-Methylnaphthalene	ND	0.00057	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00052	0.0013	-	-	-
2-Methylphenol (o-Cresol)	ND	0.095	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.091	0.25	-	-	-
Naphthalene	ND	0.00066	0.0025	-	-	-
2-Nitroaniline	ND	0.32	1.2	-	-	-
3-Nitroaniline	ND	0.090	1.2	-	-	-
4-Nitroaniline	ND	0.21	1.2	-	-	-
Nitrobenzene	ND	0.074	0.25	-	-	-
2-Nitrophenol	ND	0.51	1.2	-	-	-
4-Nitrophenol	ND	0.090	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.081	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.12	0.25	-	-	-
N-Nitrosodiphenylamine	ND	0.083	0.25	-	-	-
Pentachlorophenol	ND	0.020	0.062	-	-	-
Phenanthrene	ND	0.00044	0.0013	-	-	-
Phenol	ND	0.0027	0.010	-	-	-
Pyrene	ND	0.00030	0.0013	-	-	-
Pyridine	ND	0.034	0.25	-	-	-
2,3,4,6-Tetrachlorophenol	ND	0.099	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.093	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00089	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.0016	0.0025	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
2-Fluorophenol	0.96			1.25	77	60-130
Phenol-d5	0.94			1.25	75	50-130
Nitrobenzene-d5	0.92			1.25	73	60-130
2-Fluorobiphenyl	0.93			1.25	75	60-130
2,4,6-Tribromophenol	0.99			1.25	79	50-130
4-Terphenyl-d14	0.98			1.25	79	50-130

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.059	0.062	0.062	94	99	60-130	4.68	30
Acenaphthylene	0.052	0.056	0.062	84	90	60-130	6.58	30
Acetochlor	1.3	1.3	1.25	102	101	60-130	0.606	30
Anthracene	0.057	0.060	0.062	91	96	60-130	5.26	30
Benzidine	1.2	1.3	1.25	98	107	20-130	9.36	30
Benzo (a) anthracene	0.066	0.068	0.062	105	109	70-130	3.54	30
Benzo (a) pyrene	0.052	0.055	0.062	84	88	70-130	5.55	30
Benzo (b) fluoranthene	0.050	0.054	0.062	79	86	60-130	7.92	30
Benzo (g,h,i) perylene	0.056	0.061	0.062	90	98	70-130	9.00	30
Benzo (k) fluoranthene	0.072	0.074	0.062	116	119	70-130	3.09	30
Benzoic Acid	1.8	2.0	6.25	28	32	15-130	13.2	30
Benzyl Alcohol	5.7	6.0	6.25	92	97	70-130	5.13	30
1,1-Biphenyl	0.13	0.13	0.12	104	107	60-130	2.07	30
Bis (2-chloroethoxy) Methane	1.2	1.3	1.25	97	101	70-130	4.73	30
Bis (2-chloroethyl) Ether	0.054	0.055	0.062	86	88	60-130	2.73	30
Bis (2-chloroisopropyl) Ether	0.055	0.059	0.062	88	94	60-130	6.99	30
Bis (2-ethylhexyl) Adipate	0.97	1.1	1.25	78	86	60-130	10.0	30
Bis (2-ethylhexyl) Phthalate	0.039	0.042	0.062	63	68	60-130	7.15	30
4-Bromophenyl Phenyl Ether	1.2	1.3	1.25	99	107	60-130	7.70	30
Butylbenzyl Phthalate	0.040	0.042	0.062	63	68	60-130	6.50	30
4-Chloro-3-methylphenol	1.2	1.3	1.25	93	104	70-130	11.0	30
4-Chloroaniline	0.059	0.063	0.062	94	101	40-130	6.51	30
2-Chloronaphthalene	1.3	1.3	1.25	101	106	60-130	5.02	30
2-Chlorophenol	0.051	0.055	0.062	81	88	60-130	7.87	30
4-Chlorophenyl Phenyl Ether	1.2	1.4	1.25	99	109	70-130	8.78	30
Chrysene	0.075	0.075	0.062	119	120	70-130	0.434	30
Dibenzo (a,h) anthracene	0.058	0.056	0.062	92	90	70-130	2.22	30
Dibenzofuran	0.060	0.063	0.062	96	101	60-130	5.06	30
Di-n-butyl Phthalate	0.047	0.051	0.062	75	81	60-130	7.79	30
1,2-Dichlorobenzene	1.2	1.3	1.25	99	105	60-130	5.70	30
1,3-Dichlorobenzene	1.2	1.2	1.25	97	97	60-130	0.0287	30
1,4-Dichlorobenzene	1.2	1.2	1.25	96	98	60-130	2.78	30
3,3-Dichlorobenzidine	0.048	0.054	0.062	77	86	40-130	11.1	30
2,4-Dichlorophenol	0.057	0.062	0.062	91	99	60-130	7.96	30
Diethyl Phthalate	0.054	0.059	0.062	86	94	70-130	9.05	30
2,4-Dimethylphenol	1.2	1.3	1.25	97	102	70-130	4.24	30
Dimethyl Phthalate	0.054	0.059	0.062	87	94	70-130	7.85	30
4,6-Dinitro-2-methylphenol	3.9	4.0	6.25	62	63	20-130	2.20	30

(Cont.)

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrophenol	0.42	0.39	1.25	34	31	15-130	8.59	30
2,4-Dinitrotoluene	0.062	0.067	0.062	99	108	70-130	8.55	30
2,6-Dichlorophenol	0.057	0.060	0.062	91	96	60-130	5.60	30
2,6-Dinitrotoluene	0.062	0.066	0.062	99	105	60-130	6.35	30
Di-n-octyl Phthalate	0.92	0.95	1.25	74	76	60-130	2.27	30
1,2-Diphenylhydrazine	1.3	1.3	1.25	101	105	60-130	4.17	30
Fluoranthene	0.057	0.057	0.062	90	91	70-130	0.957	30
Fluorene	0.059	0.063	0.062	94	101	60-130	6.80	30
Hexachlorobenzene	0.063	0.065	0.062	100	104	70-130	3.61	30
Hexachlorobutadiene	0.060	0.060	0.062	95	96	70-130	0.435	30
Hexachlorocyclopentadiene	5.6	5.4	6.25	89	86	60-130	3.56	30
Hexachloroethane	0.055	0.057	0.062	88	91	70-130	3.09	30
Indeno (1,2,3-cd) pyrene	0.055	0.059	0.062	88	95	70-130	7.25	30
Isophorone	1.2	1.2	1.25	96	99	60-130	4.05	30
1-Methylnaphthalene	0.060	0.063	0.062	97	101	70-130	4.67	30
2-Methylnaphthalene	0.062	0.065	0.062	99	104	70-130	5.44	30
2-Methylphenol (o-Cresol)	1.2	1.3	1.25	95	108	60-130	12.3	30
3 & 4-Methylphenol (m,p-Cresol)	1.2	1.3	1.25	93	103	60-130	10.3	30
Naphthalene	0.062	0.063	0.062	100	101	70-130	1.50	30
2-Nitroaniline	6.3	6.8	6.25	101	109	70-130	8.03	30
3-Nitroaniline	6.8	7.3	6.25	109	116	50-130	6.70	30
4-Nitroaniline	7.0	7.4	6.25	112	119	60-130	6.05	30
Nitrobenzene	1.3	1.3	1.25	101	104	60-130	2.49	30
2-Nitrophenol	6.4	6.8	6.25	102	109	70-130	6.64	30
4-Nitrophenol	5.7	6.0	6.25	91	96	60-130	5.12	30
N-Nitrosodimethylamine	1.1	1.1	1.25	92	90	70-130	2.34	30
N-Nitrosodi-n-propylamine	1.1	1.1	1.25	90	91	60-130	1.07	30
N-Nitrosodiphenylamine	1.2	1.3	1.25	99	104	70-130	4.95	30
Pentachlorophenol	0.30	0.32	0.31	95	101	50-130	6.24	30
Phenanthrene	0.062	0.063	0.062	98	101	60-130	3.03	30
Phenol	0.22	0.24	0.25	89	95	60-130	6.88	30
Pyrene	0.060	0.063	0.062	95	100	70-130	5.02	30
Pyridine	0.83	0.81	1.25	66	65	60-130	1.85	30
2,3,4,6-Tetrachlorophenol	1.2	1.3	1.25	96	102	60-130	5.98	30
1,2,4-Trichlorobenzene	1.3	1.3	1.25	105	107	60-130	2.13	30
2,4,5-Trichlorophenol	0.054	0.057	0.062	86	91	60-130	5.82	30
2,4,6-Trichlorophenol	0.054	0.057	0.062	86	92	60-130	6.28	30

(Cont.)

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315801
Date Analyzed:	04/24/2025	**Extraction Method:**	SW3550B
Instrument:	GC21	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315801

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	0.99	1.0	1.25	79	84	70-130	5.88	30
Phenol-d5	0.98	1.0	1.25	78	81	70-130	4.04	30
Nitrobenzene-d5	1.0	1.1	1.25	83	88	60-130	6.06	30
2-Fluorobiphenyl	1.0	1.1	1.25	82	85	60-130	3.82	30
2,4,6-Tribromophenol	1.1	1.2	1.25	92	98	30-130	6.75	30
4-Terphenyl-d14	1.1	1.1	1.25	86	90	40-130	5.33	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/23/2025	**BatchID:**	315923
Date Analyzed:	04/23/2025	**Extraction Method:**	E9071B
Instrument:	O&G	**Analytical Method:**	E9071B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315923

QC Summary Report for E9071B

Analyte	MB Result	MDL	RL			
HEM	ND	19	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
HEM	1900	1900	2000	97	95	70-130	2.09	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/23/2025	**BatchID:**	315924
Date Analyzed:	04/23/2025	**Extraction Method:**	E9071B
Instrument:	O&G	**Analytical Method:**	E9071B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315924

QC Summary Report for E9071B

Analyte	MB Result	MDL	RL			
SGT-HEM	ND	8.9	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
SGT-HEM	1800	1900	2000	91	94	70-130	2.65	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/23/2025	**BatchID:**	315873
Date Analyzed:	04/23/2025	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315873

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Antimony	ND	0.075	0.50	-	-	-
Arsenic	ND	0.10	0.50	-	-	-
Barium	ND	0.58	5.0	-	-	-
Beryllium	ND	0.082	0.50	-	-	-
Cadmium	ND	0.073	0.50	-	-	-
Chromium	ND	0.14	0.50	-	-	-
Cobalt	ND	0.052	0.50	-	-	-
Copper	ND	0.15	0.50	-	-	-
Lead	ND	0.11	0.50	-	-	-
Mercury	ND	0.040	0.050	-	-	-
Molybdenum	ND	0.089	0.50	-	-	-
Nickel	ND	0.25	0.50	-	-	-
Selenium	ND	0.20	0.50	-	-	-
Silver	ND	0.066	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.10	0.50	-	-	-
Zinc	ND	1.5	5.0	-	-	-
Surrogate Recovery						
Terbium	520			500	105	70-130

(Cont.)

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/23/2025	**BatchID:**	315873
Date Analyzed:	04/23/2025	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315873

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52	48	50	105	97	75-125	8.00	20
Arsenic	51	47	50	103	94	75-125	8.18	20
Barium	510	470	500	102	95	75-125	7.44	20
Beryllium	50	46	50	100	93	75-125	7.14	20
Cadmium	51	46	50	101	93	75-125	8.96	20
Chromium	50	47	50	101	94	75-125	7.57	20
Cobalt	51	47	50	102	94	75-125	8.40	20
Copper	52	47	50	104	95	75-125	9.08	20
Lead	51	46	50	102	93	75-125	9.70	20
Mercury	1.2	1.1	1.25	100	92	75-125	8.18	20
Molybdenum	51	46	50	102	93	75-125	9.11	20
Nickel	51	47	50	103	95	75-125	8.26	20
Selenium	52	48	50	104	96	75-125	8.37	20
Silver	51	47	50	102	95	75-125	7.43	20
Thallium	51	46	50	103	93	75-125	9.84	20
Vanadium	50	47	50	100	93	75-125	7.29	20
Zinc	520	470	500	103	95	75-125	8.60	20
Surrogate Recovery								
Terbium	530	490	500	106	97	70-130	8.05	20

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315853
Date Analyzed:	04/24/2025 - 04/25/2025	**Extraction Method:**	SW3550B/3630C
Instrument:	GC31A, GC39B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315853

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH-Diesel (C10-C23)	ND	1.7	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.3	10	-	-	-
Surrogate Recovery						
C9	23			25	92	79-150

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	39	42	40	97	104	70-130	6.63	20
Surrogate Recovery								
C9	25	27	25	101	107	79-150	6.05	20

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504F96
Date Prepared:	04/22/2025	**BatchID:**	315848
Date Analyzed:	04/24/2025	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	SD 1 Grit & Scum: Annual Monitoring	**Sample ID:**	MB/LCS/LCSD-315848

QC Summary Report for 8015B

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH(g) (C6-C12)	ND	0.87	1.0	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.096			0.1	96	60-140

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)	2.1	2.2	2	105	112	60-140	6.70	20
Surrogate Recovery								
2-Fluorotoluene	0.099	0.096	0.10	99	96	60-140	2.77	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2504F96 **ClientCode: EBMUD** **QuoteID: 253355**

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☑ Dry-Weight ☐ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☐ Detection Summary ☑ **Excel** []

Report to:
Sue Berg
East Bay Municipal Utility District (EBMU
2020 Wake Avenue
Oakland, CA 94607
510-287-1696 FAX:
Email: Sue.Berg@ebmud.com
cc/3rd Party:
PO: EBM223206
Project: SD 1 Grit & Scum: Annual Monitoring

Bill to:
Kristi Schwab
East Bay Municipal Utility District (EBMU
2020 Wake Avenue
Oakland, CA 94607
Kristi.Lorenson@ebmud.com

Requested TAT: **5 days;**
Date Received: **04/22/2025**
Date Logged: **04/22/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504F96-001	C036055-01	Solid	4/21/2025 08:10	☐	A	A	A	A	A	A	A	A				

Test Legend:

1	8260_S	2	8270_SCSM_S	3	9071B_S	4	9071B_SG_S
5	CAM17MS_TTLC_Solid	6	PRDisposal Fee	7	TPH(DMO)WSG_Solid	8	TPH-Gas_Solid
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Adrianna Cardoza

Comments: CLIP is likely required for Odor Panel Wos. Check COC.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: EAST BAY MUNICIPAL UTILITY DISTRICT (EBMU **Project:** SD 1 Grit & Scum: Annual Monitoring **Work Order:** 2504F96
Client Contact: Sue Berg **QC Level:** LEVEL 2
Contact's Email: Sue.Berg@ebmud.com **Comments:** CLIP is likely required for Odor Panel Wos. Check COC. **Date Logged:** 4/22/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	C036055-01	Solid	SW8015B (Gas)	1	500mL CG, Pre-Cl	☐	☐	☑	4/21/2025 8:10	5 days	4/29/2025		☐	☐
			SW8015B (TPH-d,mo w/ S.G. Clean-Up)			☐	☐	☑		5 days	4/29/2025		☐	☐
			SW6020 (CAM 17)			☐	☐	☑		5 days	4/29/2025		☐	☐
			E9071B (O&G w/ S.G. Clean-up)			☐	☐	☑		5 days	4/29/2025		☐	☐
			E9071B (O&G w/o S.G. Clean-Up)			☐	☐	☑		5 days	4/29/2025		☐	☐
			SW8270E (SVOCs)			☐	☐	☑		5 days	4/29/2025		☐	☐
			SW8260D (VOCs)			☐	☐	☑		5 days	4/29/2025		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2504F96

EBMUD ~~RUSH~~ AC

East Bay Municipal Utility District Laboratory Services Subcontract Chain of Custody

COC #: C036055	Project Title: SD1 Grit & Scum: Annual Monitoring	Lab PM: Sue Berg (510) 287-1436 Shipping Method: MAI Courier	Sampled By: WWTP OPS
	TAT: ~~Rush~~ AC	PO#: EBM223206 Expiration: 06/30/2025	Submitted Date: 04/22/2025

Date	Time	Sample ID	Location/PS Code	Matrix	Container ID	Type	Tests Required	Method Reference
04/21/2025	08:10	C036055-01	WWTP AERATED GRIT - HOPPER	Solid	-01E	CLAB	EPA 6020-SOL SUB NB (Ag,As,Ba,Be,Cd,Co,Cr,Cu,Hg,Mo,Ni, Pb,Sb,Se,Tl,V,Zn), TPH Diesel & Motor Oil SGT-SOL, TPH Gasoline-SOL, EPA 8260B-SOL SUB, EPA 8270C-SOL, EPA 9071B, EPA 9071B SGT	EPA 6020,EPA 8015,EPA 8260B,EPA 8270C,EPA 9071B
Comments: McCampbell: Quote ID 253355. 9071 Total and SGT from same aliquot, TPH D/MO 8015 w/silica gel treatment due to fatty acid interference. Report as Wet Weight. Report all prelims asap, 10x/20x rule.								
			Total containers received:	1				

	Signature	Print Name	Time	Date
Relinquished by:			1340	04/22/2025
Received by:		Antonio	1340	4/22/25
Relinquished by:		Antonio	1510	4/22/25
Received by:		Adrianna	1510	4-22-25
Relinquished by:				
Received by:				

1. Cont. IR45

Send results and invoice to:
Sue Berg (sue.berg@ebmud.com)
EBMUD Laboratory
PO Box 24055 MS #59
Oakland, CA 94623
(510) 287-1436

SUBCONTRACT: Please notify Lab PM if TAT is delayed and/or Hold Time will be exceeded.
McCampbell Analytical, Inc.
1534 Willow Pass Road
Pittsburg, CA 94565
(925) 252-9262

*changed to STD TAT due to not being able to RUSH TPH *

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Sample Receipt Checklist

Client Name: East Bay Municipal Utility District (EBMUD)
Project: SD 1 Grit & Scum: Annual Monitoring

WorkOrder №: 2504F96 Matrix: Solid
Carrier: Antonio Mason (MAI Courier)

Date and Time Received: 4/22/2025 15:10
Date Logged: 4/22/2025
Received by: Adrianna Cardoza
Logged by: Adrianna Cardoza

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 1.6°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

McCampbell Analytical, Inc.

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Analytical Report

WorkOrder: 2504E76

Report Created for: East Bay Municipal Utility District (EBMUD)

2020 Wake Avenue
Oakland, CA 94607

Project Contact: Sue Berg
Project P.O.: EBM223206
Project: C036051; SD1 Grit & Scum: Annual

Project Location:
Project Received: 04/17/2025

Analytical Report reviewed & approved for release on 05/01/2025 by:

Jennifer Lagerbom
Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: East Bay Municipal Utility District (EBMUD) **WorkOrder:** 2504E76

Project: C036051; SD1 Grit & Scum: Annual

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Project: C036051; SD1 Grit & Scum: Annual

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Aquatic Toxicity Test Abbreviation

--	No Data, Cell Intended to be Blank
*	Sample is too turbid to accurately enumerate during test maintenance.
A	Accidental death - Test organism removed from statistical analysis
AUX	Auxiliary Control
Aux Control	Method Blank or Lab Control water subjected to same tratment as the 100% sample.
BLK	Treatment Blank
CFR	Code of Federal Regulations
CTL	Laboratory Control
CV	Coefficient of Variation
EC Blank	Conductivity Control
EPA	U.S. Environmental Protection Agency
IC25	Inhibition Concentration, 25 percent
IWC	Instream Waste Concentration
LC50	Lethal Concentration, 50 percent
LOEC	Lowest Observed Effect Concentration
MDL	Maximum Daily Limit
MSD	Minimum Significant Difference
N/A	Not Applicable
NELAP	National Environment Laboratory Accreditation Program
NM	Not Measured
NOEC	No Observed Effect Concentration
NPDES	National Pollutant Discharge Elimination System
PMSD	Percent Minimum Significant Difference

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Project: C036051; SD1 Grit & Scum: Annual

QA	Quality Assurance
QC	Quality Control
RW	Receiving Water
RWC	Receiving Water Concentration
TAC	Test Acceptability Criteria
TIE	Toxicity Identification Evaluation
TMDL	Total Maximum Daily Load
TRE	Toxicity Reduction Evaluation
TSD	EPA's Technical Support Document for Water Quality-based Toxics Control
TU	Toxic Unit (Tua = acute toxicity; Tuc = chronic toxicity)
WQBEL	Water Quality Based Effluent Limit

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
a4	Reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to suspected matrix interference.
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
h2	Silica-gel (EPA 3630) cleanup

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.

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Analytical Report

Client: East Bay Municipal Utility District (EBMUD)
WorkOrder: 2504E76
Date Collected: 04/17/2025 11:20
Extraction Method: Polisini & Miller (CDFG 1988) (Haz.)
Date Received: 04/17/2025 16:20
Analytical Method: Polisini & Miller (CDFG 1988) (Haz.)
Project: C036051; SD1 Grit & Scum: Annual
Sample Matrix: Solid

Hazardous Waste 96-hr Screening Bioassay w/ Fathead Minnows

Lab ID	2504E76-001A	Species	*Pimephales promelas*	Avg. Length (mm)	30.644
Client ID	C036051-01	Common Name	Fathead Minnow	Avg. Weight (g)	0.271513
Control Water Batch#	EPASW 526	Organism Supplier	ABS	Max Weight (g)	0.32495
Control Water	Soft Synthetic Water	Organism Log#	250423FHM	Min Weight (g)	0.22519
		Randomization №	N/A	Test Location	TR 2.5B

Concentration	Temperature (°C)		pH		D. O. (mg/L)		EC (µS/cm)		Survival		Comments	
	A	B	A	B	A	B	A	B	A	B		
Control	19.9	19.9	7.13	7.17	9.0	9.1	172.8	170.9	10	10	DateTime:	4/26/25 10:32
400 mg/L	20.1	20.1	7.44	7.42	8.8	8.8	169.2	169.4	10	10	Analyst:	KMC/JRI
750 mg/L	20.2	20.4	7.40	7.38	8.8	8.8	171.3	171.2	10	10	Meter ID:	MM01
Control	20.1	20.1	7.28	7.29	8.4	8.5	171.8	170.0	10	10	DateTime:	4/27/25 11:29
400 mg/L	20.2	20.1	7.22	7.23	8.2	8.4	159.8	166.4	10*	10*	Analyst:	EDU
750 mg/L	20.5	20.7	7.20	7.20	8.1	8.0	166.7	167.7	10*	10*	Meter ID:	MM01
Control	20.1	20.2	7.03	7.05	8.7	8.8	176.1	174.2	10	10	DateTime:	4/28/25 11:01
400 mg/L	20.3	20.3	7.27	7.25	8.2	8.1	166.5	166.9	10*	10*	Analyst:	JRI
750 mg/L	20.5	20.7	7.24	7.22	7.8	8.0	165.9	167.2	10*	10*	Meter ID:	MM01
Control	20.0	20.1	7.14	7.16	8.5	8.7	176.9	173.7	10	10	DateTime:	4/29/25 09:26
400 mg/L	20.2	20.2	7.33	7.33	8.0	8.1	166.5	168.2	10*	10*	Analyst:	ALS
750 mg/L	20.4	20.6	7.34	7.33	8.1	8.2	165.1	167.3	10	10*	Meter ID:	MM01
Control	20.0	20.2	7.38	7.42	9.0	8.9	177.6	174.4	10	10	DateTime:	4/30/25 09:18
400 mg/L	20.3	20.3	7.40	7.37	8.3	8.2	167.6	169.6	10	10	Analyst:	ALS
750 mg/L	20.5	20.6	7.39	7.38	8.3	8.5	165.3	168.4	10	10	Meter ID:	MM01

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as $CaCO_3$)	44	44	N/A	N/A
Alkalinity (mg/L as $CaCO_3$)	33	30	N/A	N/A

FishID	1	2	3	4	5	6	7	8	9	10
Length (mm)	30.4	30.08	31.33	32.13	29.05	31.51	29.34	30.25	30.27	32.08
Weight (g)	0.28031	0.23124	0.29551	0.27476	0.23695	0.29931	0.22519	0.27868	0.26823	0.32495

Hazardous Waste Bioassay Sample Preparation Log						
Sample Prep Date	Balance ID	Sign-Off	Date/Time On Shaker	Sign-Off	Date/Time On Shaker	Sign-Off
4/25/2025	BL38	JRI	4/25/2025 4:58:00 PM	JRI	4/26/2025 8:30:00 AM	KMC

Conclusion: 'NON-HAZARDOUS' The LC_{50} of this sample is greater than 500 mg/L. Therefore the sample should not be considered hazardous on the basis of aquatic toxicity per the guidance established in the Polisini & Miller (CDFG 1988) protocol. Per guidance provided in CCR, Title 22, Section 66261.24a.2B.6, samples with an acute 96-hour LC_{50} value greater than 500 mg/L when measured in soft water with fathead minnows are not identified as toxic hazardous waste to the aquatic environment.

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW5030B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8260D
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC28 04232514.D	315609

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	ND		2.4	4.0	20	04/23/2025 17:34
tert-Amyl methyl ether (TAME)	ND		0.024	0.10	20	04/23/2025 17:34
Benzene	ND		0.019	0.10	20	04/23/2025 17:34
Bromobenzene	ND		0.024	0.10	20	04/23/2025 17:34
Bromochloromethane	ND		0.022	0.10	20	04/23/2025 17:34
Bromodichloromethane	ND		0.0046	0.10	20	04/23/2025 17:34
Bromoform	ND		0.076	0.10	20	04/23/2025 17:34
Bromomethane	ND		0.036	0.10	20	04/23/2025 17:34
2-Butanone (MEK)	ND		0.80	2.0	20	04/23/2025 17:34
t-Butyl alcohol (TBA)	ND		0.48	1.0	20	04/23/2025 17:34
n-Butyl benzene	ND		0.032	0.10	20	04/23/2025 17:34
sec-Butyl benzene	ND		0.036	0.10	20	04/23/2025 17:34
tert-Butyl benzene	ND		0.042	0.10	20	04/23/2025 17:34
Carbon Disulfide	ND		0.022	0.10	20	04/23/2025 17:34
Carbon Tetrachloride	ND		0.0034	0.10	20	04/23/2025 17:34
Chlorobenzene	ND		0.024	0.10	20	04/23/2025 17:34
Chloroethane	ND		0.034	0.10	20	04/23/2025 17:34
Chloroform	**0.0095**	J	0.0064	0.10	20	04/23/2025 17:34
Chloromethane	ND		0.034	0.10	20	04/23/2025 17:34
2-Chlorotoluene	ND		0.032	0.10	20	04/23/2025 17:34
4-Chlorotoluene	ND		0.026	0.10	20	04/23/2025 17:34
Dibromochloromethane	ND		0.0080	0.10	20	04/23/2025 17:34
1,2-Dibromo-3-chloropropane	ND		0.0096	0.010	20	04/23/2025 17:34
1,2-Dibromoethane (EDB)	ND		0.0026	0.0050	20	04/23/2025 17:34
Dibromomethane	ND		0.024	0.10	20	04/23/2025 17:34
1,2-Dichlorobenzene	ND		0.034	0.10	20	04/23/2025 17:34
1,3-Dichlorobenzene	ND		0.030	0.10	20	04/23/2025 17:34
1,4-Dichlorobenzene	ND		0.030	0.10	20	04/23/2025 17:34
Dichlorodifluoromethane	ND		0.013	0.10	20	04/23/2025 17:34
1,1-Dichloroethane	ND		0.030	0.10	20	04/23/2025 17:34
1,2-Dichloroethane (1,2-DCA)	ND		0.0014	0.0020	20	04/23/2025 17:34
1,1-Dichloroethene	ND		0.0022	0.10	20	04/23/2025 17:34
cis-1,2-Dichloroethene	ND		0.024	0.10	20	04/23/2025 17:34
trans-1,2-Dichloroethene	ND		0.024	0.10	20	04/23/2025 17:34
1,2-Dichloropropane	ND		0.026	0.10	20	04/23/2025 17:34
1,3-Dichloropropane	ND		0.018	0.10	20	04/23/2025 17:34

(Cont.)

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW5030B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8260D
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC28 04232514.D	315609

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,2-Dichloropropane	ND		0.038	0.10	20	04/23/2025 17:34
1,1-Dichloropropene	ND		0.036	0.10	20	04/23/2025 17:34
cis-1,3-Dichloropropene	ND		0.020	0.10	20	04/23/2025 17:34
trans-1,3-Dichloropropene	ND		0.019	0.10	20	04/23/2025 17:34
Diisopropyl ether (DIPE)	ND		0.036	0.10	20	04/23/2025 17:34
Ethylbenzene	ND		0.022	0.10	20	04/23/2025 17:34
Ethyl tert-butyl ether (ETBE)	ND		0.028	0.10	20	04/23/2025 17:34
Freon 113	ND		0.022	0.10	20	04/23/2025 17:34
Hexachlorobutadiene	ND		0.024	0.10	20	04/23/2025 17:34
Hexachloroethane	ND		0.013	0.10	20	04/23/2025 17:34
2-Hexanone	ND		0.054	0.10	20	04/23/2025 17:34
Isopropylbenzene	ND		0.036	0.10	20	04/23/2025 17:34
4-Isopropyl toluene	ND		0.038	0.10	20	04/23/2025 17:34
Methyl-t-butyl ether (MTBE)	ND		0.030	0.10	20	04/23/2025 17:34
Methylene chloride	ND		0.24	0.40	20	04/23/2025 17:34
4-Methyl-2-pentanone (MIBK)	ND		0.034	0.10	20	04/23/2025 17:34
Naphthalene	ND		0.060	0.10	20	04/23/2025 17:34
n-Propyl benzene	ND		0.038	0.10	20	04/23/2025 17:34
Styrene	ND		0.028	0.10	20	04/23/2025 17:34
1,1,1,2-Tetrachloroethane	ND		0.026	0.10	20	04/23/2025 17:34
1,1,2,2-Tetrachloroethane	ND		0.0088	0.10	20	04/23/2025 17:34
Tetrachloroethene	ND		0.0058	0.10	20	04/23/2025 17:34
Toluene	**0.23**		0.032	0.10	20	04/23/2025 17:34
1,2,3-Trichlorobenzene	ND		0.042	0.10	20	04/23/2025 17:34
1,2,4-Trichlorobenzene	ND		0.032	0.10	20	04/23/2025 17:34
1,1,1-Trichloroethane	ND		0.032	0.10	20	04/23/2025 17:34
1,1,2-Trichloroethane	ND		0.024	0.10	20	04/23/2025 17:34
Trichloroethene	ND		0.028	0.10	20	04/23/2025 17:34
Trichlorofluoromethane	ND		0.026	0.10	20	04/23/2025 17:34
1,2,3-Trichloropropane	ND		0.0034	0.0050	20	04/23/2025 17:34
1,2,4-Trimethylbenzene	ND		0.032	0.10	20	04/23/2025 17:34
1,3,5-Trimethylbenzene	ND		0.034	0.10	20	04/23/2025 17:34
Vinyl Chloride	ND		0.0024	0.0050	20	04/23/2025 17:34
m,p-Xylene	ND		0.052	0.10	20	04/23/2025 17:34
o-Xylene	ND		0.028	0.10	20	04/23/2025 17:34
Xylenes, Total	ND		NA	0.10	20	04/23/2025 17:34

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW5030B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8260D
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC28 04232514.D	315609

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	
Dibromofluoromethane	97		70-140	04/23/2025 17:34
Toluene-d8	100		70-140	04/23/2025 17:34
4-BFB	92		70-140	04/23/2025 17:34
Benzene-d6	33	S	50-140	04/23/2025 17:34
Ethylbenzene-d10	0	S	50-140	04/23/2025 17:34
1,2-DCB-d4	0	S	40-140	04/23/2025 17:34

Analyst(s): EVA

Analytical Comments: c1

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW3550B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8270E
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC17 04232506.D	315623

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acenaphthene	ND		0.056	0.26	20	04/23/2025 10:56
Acenaphthylene	ND		0.070	0.26	20	04/23/2025 10:56
Acetochlor	ND		14	50	20	04/23/2025 10:56
Anthracene	ND		0.098	0.26	20	04/23/2025 10:56
Benzidine	ND		32	50	20	04/23/2025 10:56
Benzo (a) anthracene	ND		1.1	2.5	20	04/23/2025 10:56
Benzo (a) pyrene	ND		0.18	0.26	20	04/23/2025 10:56
Benzo (b) fluoranthene	ND		0.18	0.50	20	04/23/2025 10:56
Benzo (g,h,i) perylene	ND		0.20	0.50	20	04/23/2025 10:56
Benzo (k) fluoranthene	ND		0.18	0.50	20	04/23/2025 10:56
Benzoic Acid	ND		40	250	20	04/23/2025 10:56
Benzyl Alcohol	ND		72	250	20	04/23/2025 10:56
1,1-Biphenyl	ND		0.56	1.0	20	04/23/2025 10:56
Bis (2-chloroethoxy) Methane	ND		16	50	20	04/23/2025 10:56
Bis (2-chloroethyl) Ether	ND		0.088	0.26	20	04/23/2025 10:56
Bis (2-chloroisopropyl) Ether	ND		0.26	0.50	20	04/23/2025 10:56
Bis (2-ethylhexyl) Adipate	ND		6.2	50	20	04/23/2025 10:56
Bis (2-ethylhexyl) Phthalate	ND		3.8	12	20	04/23/2025 10:56
4-Bromophenyl Phenyl Ether	ND		18	50	20	04/23/2025 10:56
Butylbenzyl Phthalate	ND		0.88	12	20	04/23/2025 10:56
4-Chloroaniline	ND		0.10	0.26	20	04/23/2025 10:56
4-Chloro-3-methylphenol	ND		15	50	20	04/23/2025 10:56
2-Chloronaphthalene	ND		24	50	20	04/23/2025 10:56
2-Chlorophenol	ND		0.80	2.5	20	04/23/2025 10:56
4-Chlorophenyl Phenyl Ether	ND		20	50	20	04/23/2025 10:56
Chrysene	ND		0.076	0.26	20	04/23/2025 10:56
Dibenzo (a,h) anthracene	ND		0.24	0.50	20	04/23/2025 10:56
Dibenzofuran	ND		0.10	0.26	20	04/23/2025 10:56
Di-n-butyl Phthalate	**4.5**	J	0.98	12	20	04/23/2025 10:56
1,2-Dichlorobenzene	ND		20	50	20	04/23/2025 10:56
1,3-Dichlorobenzene	ND		18	50	20	04/23/2025 10:56
1,4-Dichlorobenzene	ND		16	50	20	04/23/2025 10:56
3,3-Dichlorobenzidine	ND		0.068	0.26	20	04/23/2025 10:56
2,4-Dichlorophenol	ND		0.20	0.50	20	04/23/2025 10:56
2,6-Dichlorophenol	ND		0.82	2.5	20	04/23/2025 10:56
Diethyl Phthalate	ND		0.96	2.5	20	04/23/2025 10:56

(Cont.)

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW3550B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8270E
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC17 04232506.D	315623

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dimethylphenol	ND		3.4	50	20	04/23/2025 10:56
Dimethyl Phthalate	ND		0.14	0.50	20	04/23/2025 10:56
4,6-Dinitro-2-methylphenol	ND		140	250	20	04/23/2025 10:56
2,4-Dinitrophenol	ND		17	50	20	04/23/2025 10:56
2,4-Dinitrotoluene	ND		1.3	2.5	20	04/23/2025 10:56
2,6-Dinitrotoluene	ND		1.4	2.5	20	04/23/2025 10:56
Di-n-octyl Phthalate	ND		40	120	20	04/23/2025 10:56
1,2-Diphenylhydrazine	ND		14	50	20	04/23/2025 10:56
Fluoranthene	ND		0.14	0.50	20	04/23/2025 10:56
Fluorene	ND		0.18	0.50	20	04/23/2025 10:56
Hexachlorobenzene	ND		0.058	0.26	20	04/23/2025 10:56
Hexachlorobutadiene	ND		0.066	0.26	20	04/23/2025 10:56
Hexachlorocyclopentadiene	ND		74	250	20	04/23/2025 10:56
Hexachloroethane	ND		0.17	0.50	20	04/23/2025 10:56
Indeno (1,2,3-cd) pyrene	ND		0.20	0.50	20	04/23/2025 10:56
Isophorone	ND		14	50	20	04/23/2025 10:56
1-Methylnaphthalene	ND		0.11	0.26	20	04/23/2025 10:56
2-Methylnaphthalene	ND		0.10	0.26	20	04/23/2025 10:56
2-Methylphenol (o-Cresol)	ND		19	50	20	04/23/2025 10:56
3 & 4-Methylphenol (m,p-Cresol)	ND		18	50	20	04/23/2025 10:56
Naphthalene	ND		0.13	0.50	20	04/23/2025 10:56
2-Nitroaniline	ND		64	250	20	04/23/2025 10:56
3-Nitroaniline	ND		18	250	20	04/23/2025 10:56
4-Nitroaniline	ND		42	250	20	04/23/2025 10:56
Nitrobenzene	ND		15	50	20	04/23/2025 10:56
2-Nitrophenol	ND		100	250	20	04/23/2025 10:56
4-Nitrophenol	ND		18	250	20	04/23/2025 10:56
N-Nitrosodimethylamine	ND		16	50	20	04/23/2025 10:56
N-Nitrosodi-n-propylamine	ND		24	50	20	04/23/2025 10:56
N-Nitrosodiphenylamine	ND		17	50	20	04/23/2025 10:56
Pentachlorophenol	ND		4.0	12	20	04/23/2025 10:56
Phenanthrene	ND		0.088	0.26	20	04/23/2025 10:56
Phenol	ND		0.54	2.0	20	04/23/2025 10:56
Pyrene	ND		0.060	0.26	20	04/23/2025 10:56
Pyridine	ND		6.8	50	20	04/23/2025 10:56
1,2,4-Trichlorobenzene	ND		19	50	20	04/23/2025 10:56

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW3550B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8270E
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC17 04232506.D	315623

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4,5-Trichlorophenol	ND		0.18	0.50	20	04/23/2025 10:56
2,4,6-Trichlorophenol	ND		0.32	0.50	20	04/23/2025 10:56
2,3,4,6-Tetrachlorophenol	ND		20	50	20	04/23/2025 10:56

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorophenol	65		60-130	04/23/2025 10:56
Phenol-d5	68		50-130	04/23/2025 10:56
Nitrobenzene-d5	53	S	60-130	04/23/2025 10:56
2-Fluorobiphenyl	69		60-130	04/23/2025 10:56
2,4,6-Tribromophenol	53		50-130	04/23/2025 10:56
4-Terphenyl-d14	68		50-130	04/23/2025 10:56

Analyst(s): SPA Analytical Comments: c2,c1,a4

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	E9071B
Date Prepared:	04/22/2025	**Analytical Method:**	E9071B
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Hexane Extractable Material without Silica Gel Treatment

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	O&G	315804

Analytes	Result	MDL	RL	DF	Date Analyzed
HEM	**140,000**	19	50	1	04/23/2025 10:45

Analyst(s): HN

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	E9071B
Date Prepared:	04/23/2025	**Analytical Method:**	E9071B
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Hexane Extractable Material with Silica Gel Treatment

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	O&G	315924

Analytes	Result	MDL	RL	DF	Date Analyzed
SGT-HEM	**110,000**	18	100	2	04/23/2025 11:10

Analyst(s): HN

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW3050B
Date Prepared:	04/23/2025	**Analytical Method:**	SW6020
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	ICP-MS4 215SMPL.d	315873

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Antimony	ND		0.075	0.50	1	04/23/2025 17:31
Arsenic	ND		0.10	0.50	1	04/23/2025 17:31
Barium	**7.8**		0.58	5.0	1	04/23/2025 17:31
Beryllium	ND		0.082	0.50	1	04/23/2025 17:31
Cadmium	**0.096**	J	0.073	0.50	1	04/23/2025 17:31
Chromium	**0.86**		0.14	0.50	1	04/23/2025 17:31
Cobalt	**0.12**	J	0.052	0.50	1	04/23/2025 17:31
Copper	**10**		0.15	0.50	1	04/23/2025 17:31
Lead	**0.55**		0.11	0.50	1	04/23/2025 17:31
Mercury	ND		0.040	0.050	1	04/23/2025 17:31
Molybdenum	**0.19**	J	0.089	0.50	1	04/23/2025 17:31
Nickel	**0.54**		0.25	0.50	1	04/23/2025 17:31
Selenium	**0.37**	J	0.20	0.50	1	04/23/2025 17:31
Silver	**0.068**	J	0.066	0.50	1	04/23/2025 17:31
Thallium	ND		0.072	0.50	1	04/23/2025 17:31
Vanadium	**0.34**	J	0.10	0.50	1	04/23/2025 17:31
Zinc	**27**		1.5	5.0	1	04/23/2025 17:31

Surrogates	REC (%)	Limits	
Terbium	88	70-130	04/23/2025 17:31

Analyst(s): MIG

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW3550B/3630C
Date Prepared:	04/18/2025	**Analytical Method:**	SW8015 B
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC6A 04292518.D	315648

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**63,000**	1700	2000	1,000	04/29/2025 16:19
TPH-Motor Oil (C18-C36)	**68,000**	4300	10,000	1,000	04/29/2025 16:19

Surrogates	REC (%)	Qualifiers	Limits	
C9	2194	S	75-154	04/29/2025 16:19

Analyst(s): DGA Analytical Comments: e7,e2,c1,h2

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Analytical Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Received:	04/17/2025 16:20	**Extraction Method:**	SW5030B
Date Prepared:	04/18/2025	**Analytical Method:**	SW8015B
Project:	C036051; SD1 Grit & Scum: Annual	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
C036051-01	2504E76-001A	Solid	04/17/2025 11:20	GC19 04232514.D	315608

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**5.4**	4.4	5.0	5	04/23/2025 18:28

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	15	S	60-140	04/23/2025 18:28

Analyst(s): IA Analytical Comments: d9,c2

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.12			0.125	94	70-140
Toluene-d8	0.14			0.125	114	70-140
4-BFB	0.012			0.0125	93	70-140
Benzene-d6	0.10			0.1	105	70-140
Ethylbenzene-d10	0.13			0.1	127	70-140
1,2-DCB-d4	0.077			0.1	77	70-140

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.20	0.20	0.20	98	98	60-140	0.756	30
tert-Amyl methyl ether (TAME)	0.015	0.014	0.020	77	69	50-140	10.9	30
Benzene	0.017	0.016	0.020	83	82	60-140	0.853	30
Bromobenzene	0.018	0.018	0.020	91	89	60-140	1.84	30
Bromochloromethane	0.017	0.017	0.020	83	86	60-140	3.27	30
Bromodichloromethane	0.016	0.015	0.020	77	77	60-140	0.319	30
Bromoform	0.014	0.013	0.020	69	65	40-140	6.79	30
Bromomethane	0.017	0.017	0.020	85	84	30-140	0.327	30
2-Butanone (MEK)	0.054	0.054	0.080	68	67	50-140	0.492	30
t-Butyl alcohol (TBA)	0.072	0.070	0.080	89	87	50-140	2.59	30
n-Butyl benzene	0.021	0.020	0.020	104	100	60-150	3.91	30
sec-Butyl benzene	0.021	0.021	0.020	106	103	60-150	2.53	30
tert-Butyl benzene	0.020	0.020	0.020	102	101	60-140	0.793	30
Carbon Disulfide	0.018	0.017	0.020	90	87	50-140	3.07	30
Carbon Tetrachloride	0.016	0.016	0.020	80	80	60-140	1.02	30
Chlorobenzene	0.018	0.018	0.020	90	88	60-140	3.00	30
Chloroethane	0.014	0.014	0.020	71	69	50-140	2.22	30
Chloroform	0.017	0.017	0.020	84	83	60-140	0.882	30
Chloromethane	0.0092	0.0092	0.020	46	46	20-140	0.769	30
2-Chlorotoluene	0.020	0.019	0.020	99	97	60-140	2.24	30
4-Chlorotoluene	0.020	0.020	0.020	102	99	60-140	3.10	30
Dibromochloromethane	0.016	0.015	0.020	78	77	50-140	1.58	30
1,2-Dibromo-3-chloropropane	0.0091	0.0065	0.010	91	65	30-140	34.5,F2	30
1,2-Dibromoethane (EDB)	0.0082	0.0081	0.010	82	81	40-140	0.635	30
Dibromomethane	0.016	0.017	0.020	82	83	60-140	0.275	30
1,2-Dichlorobenzene	0.018	0.017	0.020	91	87	60-140	4.76	30
1,3-Dichlorobenzene	0.019	0.018	0.020	94	91	60-140	3.53	30
1,4-Dichlorobenzene	0.018	0.018	0.020	91	89	60-140	2.36	30
Dichlorodifluoromethane	0.0050	0.0048	0.020	25	24	10-140	4.17	30
1,1-Dichloroethane	0.017	0.017	0.020	85	84	60-140	0.791	30
1,2-Dichloroethane (1,2-DCA)	0.015	0.015	0.020	75	75	60-140	0.209	30
1,1-Dichloroethene	0.018	0.017	0.020	88	85	60-140	3.35	30
cis-1,2-Dichloroethene	0.018	0.018	0.020	90	88	60-140	1.88	30
trans-1,2-Dichloroethene	0.018	0.018	0.020	91	89	60-140	2.64	30
1,2-Dichloropropane	0.017	0.017	0.020	86	86	60-140	0.259	30
1,3-Dichloropropane	0.017	0.017	0.020	87	87	60-140	0.394	30
2,2-Dichloropropane	0.018	0.018	0.020	88	88	60-140	0.409	30
1,1-Dichloropropene	0.017	0.017	0.020	86	85	60-140	1.10	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.017	0.017	0.020	86	84	60-140	1.99	30
trans-1,3-Dichloropropene	0.017	0.017	0.020	86	84	60-140	1.98	30
Diisopropyl ether (DIPE)	0.016	0.016	0.020	79	79	60-140	0.0127	30
Ethylbenzene	0.018	0.018	0.020	90	88	60-140	2.25	30
Ethyl tert-butyl ether (ETBE)	0.016	0.015	0.020	79	77	60-140	1.72	30
Freon 113	0.015	0.014	0.020	75	71	50-140	5.26	30
Hexachlorobutadiene	0.020	0.019	0.020	98	96	60-140	2.66	30
Hexachloroethane	0.019	0.018	0.020	93	91	60-140	1.92	30
2-Hexanone	0.013	0.011	0.020	67	55	40-140	19.3	30
Isopropylbenzene	0.021	0.021	0.020	105	103	60-140	1.83	30
4-Isopropyl toluene	0.020	0.020	0.020	101	99	60-150	2.06	30
Methyl-t-butyl ether (MTBE)	0.016	0.016	0.020	78	78	50-140	0.369	30
Methylene chloride	0.022	0.022	0.020	112	111	60-140	1.05	30
4-Methyl-2-pentanone (MIBK)	0.014	0.014	0.020	69	68	50-140	1.92	30
Naphthalene	0.020	0.0075	0.020	98	38	30-140	89.1,F2	30
n-Propyl benzene	0.021	0.021	0.020	107	104	60-140	2.59	30
Styrene	0.016	0.016	0.020	81	79	60-140	1.87	30
1,1,1,2-Tetrachloroethane	0.017	0.016	0.020	84	83	60-140	2.07	30
1,1,2,2-Tetrachloroethane	0.017	0.016	0.020	86	78	40-140	9.66	30
Tetrachloroethene	0.018	0.018	0.020	92	90	60-140	2.08	30
Toluene	0.018	0.018	0.020	92	91	60-140	1.99	30
1,2,3-Trichlorobenzene	0.019	0.0099	0.020	94	50	40-140	61.5,F2	30
1,2,4-Trichlorobenzene	0.017	0.013	0.020	84	63	50-140	29.2	30
1,1,1-Trichloroethane	0.016	0.016	0.020	82	82	60-140	0.571	30
1,1,2-Trichloroethane	0.017	0.017	0.020	87	86	60-140	1.43	30
Trichloroethene	0.018	0.018	0.020	90	90	60-140	0.613	30
Trichlorofluoromethane	0.014	0.014	0.020	71	68	50-140	4.23	30
1,2,3-Trichloropropane	0.0093	0.0088	0.010	93	88	60-130	5.75	30
1,2,4-Trimethylbenzene	0.019	0.018	0.020	93	89	30-140	5.02	30
1,3,5-Trimethylbenzene	0.020	0.019	0.020	98	95	60-140	3.08	30
Vinyl Chloride	0.0068	0.0066	0.010	68	66	30-140	3.41	30
m,p-Xylene	0.038	0.037	0.040	96	93	60-140	3.79	30
o-Xylene	0.017	0.016	0.020	84	81	60-140	3.92	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315609
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315609

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.12	0.12	0.12	97	98	70-140	0.186	30
Toluene-d8	0.14	0.14	0.12	109	109	70-140	0.369	30
4-BFB	0.013	0.013	0.012	102	100	70-140	1.85	30
Benzene-d6	0.095	0.095	0.10	95	95	70-140	0.687	30
Ethylbenzene-d10	0.11	0.11	0.10	108	107	70-140	1.11	30
1,2-DCB-d4	0.075	0.078	0.10	75	78	70-140	4.35	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acenaphthene	ND	0.00028	0.0013	-	-	-
Acenaphthylene	ND	0.00035	0.0013	-	-	-
Acetochlor	ND	0.070	0.25	-	-	-
Anthracene	ND	0.00049	0.0013	-	-	-
Benzidine	ND	0.16	0.25	-	-	-
Benzo (a) anthracene	ND	0.0054	0.012	-	-	-
Benzo (a) pyrene	ND	0.00090	0.0013	-	-	-
Benzo (b) fluoranthene	ND	0.00088	0.0025	-	-	-
Benzo (g,h,i) perylene	ND	0.0010	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.00088	0.0025	-	-	-
Benzoic Acid	ND	0.20	1.2	-	-	-
Benzyl Alcohol	ND	0.36	1.2	-	-	-
1,1-Biphenyl	ND	0.0028	0.0050	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.082	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00044	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0013	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.031	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.019	0.062	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.088	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0044	0.062	-	-	-
4-Chloro-3-methylphenol	ND	0.074	0.25	-	-	-
4-Chloroaniline	ND	0.00051	0.0013	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0040	0.012	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.10	0.25	-	-	-
Chrysene	ND	0.00038	0.0013	-	-	-
Dibenzo (a,h) anthracene	ND	0.0012	0.0025	-	-	-
Dibenzofuran	ND	0.00051	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0049	0.062	-	-	-
1,2-Dichlorobenzene	ND	0.098	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.092	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.078	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00034	0.0013	-	-	-
2,4-Dichlorophenol	ND	0.0010	0.0025	-	-	-
Diethyl Phthalate	ND	0.0048	0.012	-	-	-
2,4-Dimethylphenol	ND	0.017	0.25	-	-	-
Dimethyl Phthalate	ND	0.00069	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.71	1.2	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
2,4-Dinitrophenol	ND	0.084	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.0066	0.012	-	-	-
2,6-Dichlorophenol	ND	0.0041	0.012	-	-	-
2,6-Dinitrotoluene	ND	0.0072	0.012	-	-	-
Di-n-octyl Phthalate	ND	0.20	0.62	-	-	-
1,2-Diphenylhydrazine	ND	0.072	0.25	-	-	-
Fluoranthene	ND	0.00069	0.0025	-	-	-
Fluorene	ND	0.00091	0.0025	-	-	-
Hexachlorobenzene	ND	0.00029	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00033	0.0013	-	-	-
Hexachlorocyclopentadiene	ND	0.37	1.2	-	-	-
Hexachloroethane	ND	0.00084	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0010	0.0025	-	-	-
Isophorone	ND	0.069	0.25	-	-	-
1-Methylnaphthalene	ND	0.00057	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00052	0.0013	-	-	-
2-Methylphenol (o-Cresol)	ND	0.095	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.091	0.25	-	-	-
Naphthalene	ND	0.00066	0.0025	-	-	-
2-Nitroaniline	ND	0.32	1.2	-	-	-
3-Nitroaniline	ND	0.090	1.2	-	-	-
4-Nitroaniline	0.23,J	0.21	1.2	-	-	-
Nitrobenzene	ND	0.074	0.25	-	-	-
2-Nitrophenol	ND	0.51	1.2	-	-	-
4-Nitrophenol	ND	0.090	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.081	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.12	0.25	-	-	-
N-Nitrosodiphenylamine	ND	0.083	0.25	-	-	-
Pentachlorophenol	ND	0.020	0.062	-	-	-
Phenanthrene	ND	0.00044	0.0013	-	-	-
Phenol	ND	0.0027	0.010	-	-	-
Pyrene	ND	0.00030	0.0013	-	-	-
Pyridine	ND	0.034	0.25	-	-	-
2,3,4,6-Tetrachlorophenol	ND	0.099	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.093	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00089	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.0016	0.0025	-	-	-

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
2-Fluorophenol	0.99			1.25	79	60-130
Phenol-d5	1.0			1.25	80	50-130
Nitrobenzene-d5	0.98			1.25	78	60-130
2-Fluorobiphenyl	1.0			1.25	81	60-130
2,4,6-Tribromophenol	0.61			1.25	48,F3	50-130
4-Terphenyl-d14	1.0			1.25	83	50-130

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.052	0.055	0.062	83	89	60-130	6.59	30
Acenaphthylene	0.048	0.051	0.062	76	82	60-130	7.83	30
Acetochlor	1.1	1.2	1.25	84	96	60-130	13.4	30
Anthracene	0.052	0.056	0.062	83	89	60-130	6.88	30
Benzidine	1.6	1.8	1.25	131,F5	143,F5	20-130	9.06	30
Benzo (a) anthracene	0.058	0.061	0.062	92	97	70-130	5.06	30
Benzo (a) pyrene	0.048	0.052	0.062	77	83	70-130	6.56	30
Benzo (b) fluoranthene	0.044	0.052	0.062	71	83	60-130	15.6	30
Benzo (g,h,i) perylene	0.049	0.052	0.062	79	83	70-130	5.29	30
Benzo (k) fluoranthene	0.061	0.060	0.062	97	96	70-130	1.41	30
Benzoic Acid	1.4	1.4	6.25	22	23	15-130	2.61	30
Benzyl Alcohol	5.0	5.1	6.25	80	82	70-130	2.34	30
1,1-Biphenyl	0.11	0.11	0.12	86	91	60-130	6.65	30
Bis (2-chloroethoxy) Methane	1.1	1.2	1.25	91	98	70-130	7.37	30
Bis (2-chloroethyl) Ether	0.055	0.058	0.062	88	93	60-130	5.50	30
Bis (2-chloroisopropyl) Ether	0.063	0.068	0.062	101	108	60-130	6.57	30
Bis (2-ethylhexyl) Adipate	1.1	1.3	1.25	91	100	60-130	9.49	30
Bis (2-ethylhexyl) Phthalate	0.037	0.040	0.062	59,F5	65	60-130	8.63	30
4-Bromophenyl Phenyl Ether	1.1	1.2	1.25	87	92	60-130	5.74	30
Butylbenzyl Phthalate	0.042	0.046	0.062	67	74	60-130	10.4	30
4-Chloro-3-methylphenol	1.1	1.2	1.25	88	95	70-130	7.29	30
4-Chloroaniline	0.055	0.060	0.062	88	96	40-130	8.69	30
2-Chloronaphthalene	1.2	1.2	1.25	93	98	60-130	5.26	30
2-Chlorophenol	0.050	0.054	0.062	80	86	60-130	6.84	30
4-Chlorophenyl Phenyl Ether	1.0	1.1	1.25	82	89	70-130	7.56	30
Chrysene	0.056	0.058	0.062	89	93	70-130	4.87	30
Dibenzo (a,h) anthracene	0.049	0.054	0.062	79	86	70-130	8.24	30
Dibenzofuran	0.053	0.057	0.062	85	91	60-130	5.88	30
Di-n-butyl Phthalate	0.044	0.048	0.062	70	77	60-130	9.72	30
1,2-Dichlorobenzene	1.1	1.2	1.25	90	93	60-130	4.14	30
1,3-Dichlorobenzene	1.1	1.2	1.25	89	94	60-130	5.67	30
1,4-Dichlorobenzene	1.1	1.1	1.25	88	91	60-130	3.85	30
3,3-Dichlorobenzidine	0.052	0.058	0.062	84	93	40-130	10.5	30
2,4-Dichlorophenol	0.053	0.057	0.062	85	90	60-130	6.19	30
Diethyl Phthalate	0.049	0.052	0.062	79	84	70-130	6.09	30
2,4-Dimethylphenol	1.1	1.2	1.25	89	95	70-130	6.10	30
Dimethyl Phthalate	0.048	0.052	0.062	76	83	70-130	8.19	30
4,6-Dinitro-2-methylphenol	2.6	2.5	6.25	41	41	20-130	0.702	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrophenol	0.24	0.25	1.25	20	20	15-130	1.65	30
2,4-Dinitrotoluene	0.058	0.061	0.062	92	98	70-130	6.37	30
2,6-Dichlorophenol	0.052	0.056	0.062	83	89	60-130	7.29	30
2,6-Dinitrotoluene	0.053	0.058	0.062	86	93	60-130	7.93	30
Di-n-octyl Phthalate	1.0	1.1	1.25	81	87	60-130	7.14	30
1,2-Diphenylhydrazine	1.2	1.3	1.25	100	107	60-130	7.64	30
Fluoranthene	0.047	0.050	0.062	76	80	70-130	5.27	30
Fluorene	0.054	0.057	0.062	86	92	60-130	5.88	30
Hexachlorobenzene	0.053	0.058	0.062	86	92	70-130	7.36	30
Hexachlorobutadiene	0.051	0.054	0.062	82	87	70-130	6.17	30
Hexachlorocyclopentadiene	4.3	4.6	6.25	69	73	60-130	6.76	30
Hexachloroethane	0.050	0.053	0.062	80	85	70-130	6.25	30
Indeno (1,2,3-cd) pyrene	0.051	0.053	0.062	81	84	70-130	3.76	30
Isophorone	1.1	1.2	1.25	88	96	60-130	9.18	30
1-Methylnaphthalene	0.053	0.057	0.062	85	91	70-130	7.36	30
2-Methylnaphthalene	0.054	0.058	0.062	86	93	70-130	7.73	30
2-Methylphenol (o-Cresol)	1.2	1.3	1.25	97	101	60-130	4.62	30
3 & 4-Methylphenol (m,p-Cresol)	1.2	1.2	1.25	93	99	60-130	6.93	30
Naphthalene	0.056	0.060	0.062	90	95	70-130	6.25	30
2-Nitroaniline	5.8	6.2	6.25	94	100	70-130	6.44	30
3-Nitroaniline	6.7	7.2	6.25	108	115	50-130	6.80	30
4-Nitroaniline	6.6	7.0	6.25	106	112	60-130	5.70	30
Nitrobenzene	1.2	1.3	1.25	98	102	60-130	3.80	30
2-Nitrophenol	6.0	6.5	6.25	97	104	70-130	7.08	30
4-Nitrophenol	5.1	5.4	6.25	82	86	60-130	4.56	30
N-Nitrosodimethylamine	1.1	1.2	1.25	88	95	70-130	7.18	30
N-Nitrosodi-n-propylamine	0.99	1.0	1.25	79	82	60-130	3.65	30
N-Nitrosodiphenylamine	1.2	1.2	1.25	92	98	70-130	6.42	30
Pentachlorophenol	0.21	0.22	0.31	68	70	50-130	2.58	30
Phenanthrene	0.055	0.058	0.062	88	93	60-130	6.02	30
Phenol	0.22	0.23	0.25	87	93	60-130	5.88	30
Pyrene	0.057	0.061	0.062	91	97	70-130	5.91	30
Pyridine	0.91	0.98	1.25	73	78	60-130	7.68	30
2,3,4,6-Tetrachlorophenol	1.1	1.2	1.25	84	95	60-130	11.4	30
1,2,4-Trichlorobenzene	1.1	1.2	1.25	90	95	60-130	5.02	30
2,4,5-Trichlorophenol	0.048	0.054	0.062	77	86	60-130	11.6	30
2,4,6-Trichlorophenol	0.047	0.051	0.062	75	81	60-130	7.56	30

(Cont.)

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315623
Date Analyzed:	04/18/2025 - 04/22/2025	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315623

QC Summary Report for SW8270E

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.0	1.0	1.25	81	84	70-130	2.88	30
Phenol-d5	1.0	1.1	1.25	81	87	70-130	7.13	30
Nitrobenzene-d5	1.1	1.2	1.25	89	95	60-130	6.63	30
2-Fluorobiphenyl	1.0	1.1	1.25	83	88	60-130	5.14	30
2,4,6-Tribromophenol	1.0	1.1	1.25	80	85	30-130	5.59	30
4-Terphenyl-d14	1.1	1.2	1.25	87	96	40-130	9.16	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/22/2025	**BatchID:**	315804
Date Analyzed:	04/22/2025	**Extraction Method:**	E9071B
Instrument:	O&G	**Analytical Method:**	E9071B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315804

QC Summary Report for E9071B

Analyte	MB Result	MDL	RL			
HEM	ND	19	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
HEM	1900	1800	2000	95	92	70-130	3.69	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/23/2025	**BatchID:**	315924
Date Analyzed:	04/23/2025	**Extraction Method:**	E9071B
Instrument:	O&G	**Analytical Method:**	E9071B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315924

QC Summary Report for E9071B

Analyte	MB Result	MDL	RL			
SGT-HEM	ND	8.9	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
SGT-HEM	1800	1900	2000	91	94	70-130	2.65	30

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/23/2025	**BatchID:**	315873
Date Analyzed:	04/23/2025	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315873

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Antimony	ND	0.075	0.50	-	-	-
Arsenic	ND	0.10	0.50	-	-	-
Barium	ND	0.58	5.0	-	-	-
Beryllium	ND	0.082	0.50	-	-	-
Cadmium	ND	0.073	0.50	-	-	-
Chromium	ND	0.14	0.50	-	-	-
Cobalt	ND	0.052	0.50	-	-	-
Copper	ND	0.15	0.50	-	-	-
Lead	ND	0.11	0.50	-	-	-
Mercury	ND	0.040	0.050	-	-	-
Molybdenum	ND	0.089	0.50	-	-	-
Nickel	ND	0.25	0.50	-	-	-
Selenium	ND	0.20	0.50	-	-	-
Silver	ND	0.066	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.10	0.50	-	-	-
Zinc	ND	1.5	5.0	-	-	-
Surrogate Recovery						
Terbium	520			500	105	70-130

(Cont.)

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/23/2025	**BatchID:**	315873
Date Analyzed:	04/23/2025	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315873

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52	48	50	105	97	75-125	8.00	20
Arsenic	51	47	50	103	94	75-125	8.18	20
Barium	510	470	500	102	95	75-125	7.44	20
Beryllium	50	46	50	100	93	75-125	7.14	20
Cadmium	51	46	50	101	93	75-125	8.96	20
Chromium	50	47	50	101	94	75-125	7.57	20
Cobalt	51	47	50	102	94	75-125	8.40	20
Copper	52	47	50	104	95	75-125	9.08	20
Lead	51	46	50	102	93	75-125	9.70	20
Mercury	1.2	1.1	1.25	100	92	75-125	8.18	20
Molybdenum	51	46	50	102	93	75-125	9.11	20
Nickel	51	47	50	103	95	75-125	8.26	20
Selenium	52	48	50	104	96	75-125	8.37	20
Silver	51	47	50	102	95	75-125	7.43	20
Thallium	51	46	50	103	93	75-125	9.84	20
Vanadium	50	47	50	100	93	75-125	7.29	20
Zinc	520	470	500	103	95	75-125	8.60	20
Surrogate Recovery								
Terbium	530	490	500	106	97	70-130	8.05	20

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315648
Date Analyzed:	04/18/2025	**Extraction Method:**	SW3550B/3630C
Instrument:	GC9b	**Analytical Method:**	SW8015 B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315648

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH-Diesel (C10-C23)	ND	1.7	2.0	-	-	-
Surrogate Recovery						
C9	24			25	96	79-150

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38	37	40	96	91	70-130	5.08	20
Surrogate Recovery								
C9	22	23	25	88	91	79-150	4.02	20

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Quality Control Report

Client:	East Bay Municipal Utility District (EBMUD)	**WorkOrder:**	2504E76
Date Prepared:	04/18/2025	**BatchID:**	315608
Date Analyzed:	04/21/2025	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	C036051; SD1 Grit & Scum: Annual	**Sample ID:**	MB/LCS/LCSD-315608

QC Summary Report for 8015B

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
TPH(g) (C6-C12)	ND	0.87	1.0	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.095			0.1	95	60-140

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(g) (C6-C12)	2.4	2.2	2	119	109	60-140	8.23	20
Surrogate Recovery								
2-Fluorotoluene	0.10	0.10	0.10	102	103	60-140	1.32	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2504E76 **ClientCode: EBMUD** **QuoteID: 253357**

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☑ Dry-Weight ☐ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☐ Detection Summary ☑ **Excel** []

Report to:
Sue Berg
East Bay Municipal Utility District (EBMU
2020 Wake Avenue
Oakland, CA 94607
510-287-1696 FAX:
Email: Sue.Berg@ebmud.com
cc/3rd Party:
PO: EBM223206
Project: C036051; SD1 Grit & Scum: Annual

Bill to:
Kristi Schwab
East Bay Municipal Utility District (EBMU
2020 Wake Avenue
Oakland, CA 94607
Kristi.Lorenson@ebmud.com

Requested TATs: **10 days; 5 days;**

Date Received: **04/17/2025**
Date Logged: **04/18/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2504E76-001	C036051-01	Solid	4/17/2025 11:20	☐	A	A	A	A	A	A	A	A	A			

Test Legend:

1	8260_S	2	8270_SCSM_S	3	9071B_S	4	9071B_SG_S
5	CAM17MS_TTLC_Solid	6	HWPP_SCN_2C	7	PRDisposal Fee	8	TPH(DMO)WSG_Solid
9	TPH-Gas_Solid	10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Adrianna Cardoza

Comments: CLIP is likely required for Odor Panel Wos. Check COC.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: EAST BAY MUNICIPAL UTILITY DISTRICT (EBMU **Project:** C036051; SD1 Grit & Scum: Annual **Work Order:** 2504E76
Client Contact: Sue Berg **QC Level:** LEVEL 2
Contact's Email: Sue.Berg@ebmud.com **Comments:** CLIP is likely required for Odor Panel Wos. Check COC. **Date Logged:** 4/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	C036051-01	Solid	SW8015B (Gas)	1	16OZ GJ, Unpres	☐	☐	☐	4/17/2025 11:20	5 days	4/24/2025		☐	☐
			SW8015B (TPH-d,mo w/ S.G. Clean-Up)			☐	☐	☐		5 days	4/24/2025		☐	☐
			Haz Waste Title 22 Bioassay w/ FHM - Screen			☐	☐	☐		10 days	5/1/2025		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	4/24/2025		☐	☐
			E9071B (O&G w/ S.G. Clean-up)			☐	☐	☐		5 days	4/24/2025		☐	☐
			E9071B (O&G w/o S.G. Clean-Up)			☐	☐	☐		5 days	4/24/2025		☐	☐
			SW8270E (SVOCs)			☐	☐	☐		5 days	4/24/2025		☐	☐
			SW8260D (VOCs)			☐	☐	☐		5 days	4/24/2025		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2504E76

EBMUD

East Bay Municipal Utility District Laboratory Services Subcontract Chain of Custody

COC #: C036051	Project Title: SD1 Grit & Scum: Annual Monitoring	Lab PM: Sue Berg (510) 287-1436 Shipping Method: MAI Courier	Sampled By: D. Traverso
	TAT: Standard	PO#: EBM223206 Expiration: 06/30/2025	Submitted Date:

Date	Time	Sample ID	Location/PS Code	Matrix	Container ID	Type	Tests Required	Method Reference
04/17/2025	11:20	C036051-01	WWTP SCUM - CONCENTRATOR	Solid	-01H	CLAB	EPA 6020-SOL SUB NB (Ag,As,Ba,Be,Cd,Co,Cr,Cu,Hg,Mo,Ni, Pb,Sb,Se,Tl,V,Zn), TPH Diesel & Motor Oil SGT-SOL, TPH Gasoline-SOL, EPA 8260B-SOL SUB, EPA 8270C-SOL, EPA 9071B, EPA 9071B SGT	EPA 6020,EPA 8015,EPA 8260B,EPA 8270C,EPA 9071B
Comments: McCampbell: Quote ID 253357. Include Title 22 Bioassay Screen, 9071 Total and SGT from same aliquot, TPH D/MO 8015 w/silica gel treatment due to fatty acid interference. Report as Wet Weight. Report all prelims asap, 10x/20x rule.								
		Total containers received:	1					

	Signature	Print Name	Time	Date
Relinquished by:	Robert Molina	Robert Molina	14:25	04/17/2025
Received by:	MAI	Antonio Mason	14:25	4/17/25
Relinquished by:	MAI	Antonio	1620	4/17/25
Received by:		Adrianna C.	1620	4.17.25
Relinquished by:				
Received by:				

2.0 wt IRMS

Send results and invoice to:
Sue Berg (sue.berg@ebmud.com)
EBMUD Laboratory
PO Box 24055 MS #59
Oakland, CA 94623
(510) 287-1436

SUBCONTRACT: Please notify Lab PM if TAT is delayed and/or Hold Time will be exceeded.
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1534 Willow Pass Road
Pittsburg, CA 94565
(925) 252-9262

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Sample Receipt Checklist

Client Name:	East Bay Municipal Utility District (EBMUD)	Date and Time Received:	4/17/2025 16:20
Project:	C036051; SD1 Grit & Scum: Annual	Date Logged:	4/18/2025
		Received by:	Adrianna Cardoza
WorkOrder №:	2504E76 Matrix: Solid	Logged by:	Adrianna Cardoza
Carrier:	Antonio Mason (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

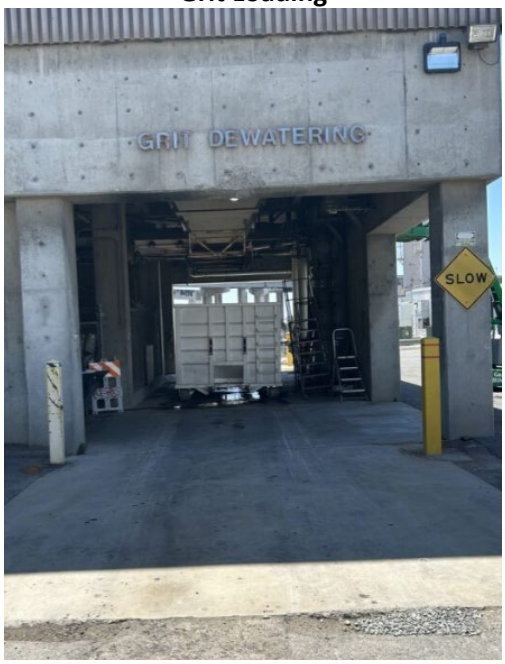
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

EXHIBIT H
PHOTOGRAPHS

Screenings Loading

Grit Loading



Scum Loading

Food Waste Loading