

City of San Leandro
INVITATION FOR BIDS
Bid No. 07-08.028

Sludge Haul 2007-2008

Notice is hereby given that sealed bids will be received in the Purchasing Office, until **Thursday, May 22, 2008 at 3:00 p.m.** local time, at which time they will be publicly opened and read for furnishing all labor, materials and equipment, and performing all work necessary and incidental to dispose of approximately 1400 cubic yards of Class A municipal sewage sludge in accordance with the Invitation for Bids, and the Sludge Management Specifications incorporated herein.

Bids shall be delivered and addressed to the City of San Leandro Purchasing Agent, 835 E. 14th Street, San Leandro, California, 94577, and shall be labeled "Sludge Haul 2007-2008". Any Bidder who wishes their bid to be considered is responsible for making certain that their bid is received in the Purchasing Office by the proper time. No oral, telegraphic, electronic, facsimile, or telephonic bids or modifications will be considered unless specified. Bids received after the scheduled Bid Submittal Deadline will be returned unopened. It is the responsibility of the Bidder to see that any bid submitted shall have sufficient time to be received by the Purchasing Office before the Bid Submittal Deadline. Late bids will be returned to the Bidder unopened.

Specifications. Specifications may be examined and/or obtained at no charge at the Purchasing Office located in City Hall, 2nd floor, Room 215, or by calling 510-577-3376. Purchasing will send requested documents via USPS first class, or by Federal Express if potential bidder supplies a billing account number. This Invitation for Bids is available in PDF format on the City's web site at:

<http://www.ci.san-leandro.ca.us/sl purchasing bids.html>

Pre-Bid Conference. A pre-bid conference will be held at **10:00 a.m. on Tuesday, May 13, 2008 at the Water Pollution Control Plant, located at 3000 Davis Street, San Leandro.**

Project Manager is Ray Busch, 510-577-3437.



Don Brockman
Purchasing Agent

Published: Daily Review

City of San Leandro

Sludge Haul 2007-2008

Bid No. 07-08.028

General

The City of San Leandro has approximately 1,400 cubic yards of stockpiled anaerobically digested Class A municipal sewage sludge. The stored volume is estimated. The sludge has a moisture content of about 15%. Upon loading into trucks, the volume of sludge is expected to expand by about 10%. The sludge is currently stockpiled on an asphalt-paved sludge drying bed at the Water Pollution Control Plant. There is good access and egress from the sludge storage area. There is a sand drainage area within the mid-section of each bed. This drainage area must not be driven upon or crossed with heavy equipment. This bed, other beds or City property must not be damaged in any way.

The Laboratory analysis is attached below. This sludge meets EPA Part 503 Biosolids Rule for **CLASS "A" SLUDGE (EQ: Exceptional Quality Biosolids)**. The United States Environmental Protection Agency's document "A Plain English Guide to the EPA 503 Biosolids Rule" on page 34 of the September 1994 publication states, "Once biosolids have been established as meeting EQ requirements, whether in bulk or in bags or other containers, they can generally be applied as freely as any other fertilizer or soil amendment to any type of land. While not required by the Part 503 rule, EQ biosolids should be applied at a rate that does not exceed the agronomic rate that supplies the nitrogen needs of the plants being grown, just as for any other commercial fertilizer or soil amending material that contains nitrogen."

The stockpiled sludge might have areas within the stockpile that are hot, smoking and/or smoldering. All loads must be covered; therefore the contractor will be responsible for cooling any hot spots to prevent possible damage to covers, tarps, etc.

Disposal options must be approved by the Project Manager for the City of San Leandro and positively confirmed. If the biosolids are to be spread on land they must be applied at appropriate agronomic rates. This land application is to be certified to meet land management practices by the disposal option's certified agronomist. The contractor must select a disposal option and provide verification of that option prior to submitting their bid to the City. It is the Contractor's responsibility to select an option that conforms to applicable Federal, State, and local criteria for this particular material. Copies of all transportation and disposal documents are required by the City of San Leandro.

Sludge Removal Strategy

The Contractor shall load, haul, and legally dispose of the sludge. The Contractor shall commence work within 30 calendar days of being awarded the contract and complete the work within 30 days after work starts. The Contractor shall pay for all equipment rental, permits, receiving facility fees, tariffs, and personnel costs incurred in legally disposing of the sludge. Any negligence on the Contractor's part shall be rectified by the contractor.

The contract is to be quoted on a per ton basis. Tonnage will be determined by field-site scales supplied by the contractor. Dust control shall be the responsibility of the Contractor during the loading and hauling operation. Plant effluent water (No. 3 water) is available for use by the contractor if the contractor wishes to lightly water down the loaded material to assist in dust control. Said practice shall be performed after each load weight has been determined. All trucks shall be tarped.

Documentation

The Contractor shall supply copies of transportation manifests for each load. The Contractor is solely responsible for cleanup of any spills on public or private streets or properties. The costs of any fines from improper management or accidental spillage shall be borne by the Contractor in its entirety.

Examination of Site and Pre-bid Conference

All bidders shall carefully examine the location of the proposed work. Bidders should also examine the material to be hauled. A pre-bid conference will be held on Tuesday, May 13, 2008, at 10:00 AM at the Water Pollution Control Plant, 3000 Davis Street, San Leandro, CA. for all interested parties.

INSTRUCTIONS TO BIDDER

BID FORMS. Bid must be submitted on preprinted Bid Forms supplied by the Purchasing Office or as downloaded from the Purchasing web site (address given above).

BID OPENING AND BID RESULTS. Bids are opened publicly in the Purchasing Office. Interested parties are invited to attend the bid opening. A tabulation of bids received will be available within a reasonable time after the bid opening. Bid results will be faxed or mailed to interested parties upon request and will be posted on the Purchasing web site.

BID SUBMITTAL DEADLINE. **The Bid Submittal Deadline is Thursday, May 22, 2008 by 3:00 p.m. local time.** Bid must be submitted in sealed envelope and should be properly identified with the bid number and Bid Submittal Deadline. **Bids must arrive in the Purchasing Office, 835 E. 14th Street, San Leandro, California, 94577, by Thursday, May 22, 2008 by 3:00 p.m., local time.** Telephone, telegraphic, facsimile, electronic, and late bids will not be accepted or considered. It is the Bidders' responsibility to see that their bids have sufficient time to be received by the Purchasing Office before the Bid Submittal Deadline.

BID WITHDRAWAL. Bidders' authorized representatives may withdraw bids only by written request received by the Purchasing Supervisor before the Bid Submittal Deadline. After that time, Bidders may not withdraw their bids for a period of ninety- (90) days from the Bid Submittal Deadline. At no time may the successful Bidder withdraw their bid.

INFORMED BIDDERS. Before submitting bids, Bidders must fully inform themselves of the conditions, requirements and specifications of the work or materials to be furnished. Failure to do so will be at Bidders' own risk and they cannot secure relief on the plea of error.

LATE BIDS. Bids not received by the Bid Submittal Deadline are late. Late bids will be returned to Bidders unopened.

OFFERS OF MORE THAN ONE PRICE. Bidders may submit only one bid on this project. No alternate bids will be accepted.

PRICES, NOTATIONS, AND MISTAKES. All prices and notations must be in ink or typewritten. Mistakes may be crossed out and corrections typed or printed adjacent to the mistake and initialed in ink by the person who signs bid. Prices shall be stated in units and quotations made separately on each item. In case of conflict, unit prices will govern. Where there is a conflict between words and figures, words will govern.

PIGGYBACK TERMS. The bid price, terms and conditions, and any provisions may be used by any agency for a similar project, if that agency and the vendor agree to honor them accordingly.

TERMS AND CONDITIONS

PAYMENT TERMS. Net 30, following completion and acceptance of job.

QUESTIONS AND COMMENTS. Questions and comments regarding this solicitation must be submitted in writing, either by mail to the Purchasing Agent at 835 E. 14th Street, San Leandro, California, 94577, by facsimile at 510-577-3312, or email to dbrockman@ci.san-leandro.ca.us. General questions may be directed to the Purchasing Office by calling 510-577-3376.

TERMS OF THE OFFER. City's acceptance of Bidder's offer shall be limited to the terms herein unless expressly agreed in writing by the City. Bids offering terms other than those shown herein will be declared non-responsive and will not be considered.

ATTORNEY FEES. In the event a suit or action is instituted in connection with any controversy arising out of this contract, the prevailing party shall be entitled to receive, in addition to its costs, such sum as the court may adjudge reasonable as to attorney's fees and costs.

BIDDER AGREEMENT TO TERMS AND CONDITIONS. Submission of a signed bid will be interpreted to mean Bidder has agreed to all the terms and conditions set forth in the pages of this solicitation.

CANCELLATION OF CONTRACT. The City may cancel this contract WITHOUT CAUSE at any time by giving written or oral notice to the supplier/contractor. The City may cancel this contract WITH CAUSE at any time by giving one (1) day written notice to the supplier/contractor. Cancellation for cause shall be at the discretion of the City and shall be, but is not limited to, failure to supply the materials, equipment or service specified within the time allowed or within the terms, conditions or provisions of this contract. The successful Bidder may not cancel this contract without prior written consent of the Purchasing Supervisor.

COMPLIANCE OR DEVIATION TO SPECIFICATIONS. Bidder hereby agrees that the material, equipment or services offered will meet all the requirements of the specifications in this solicitation unless deviations from them are clearly indicated in the Bidder's response. Bidder may submit an attachment entitled "Exceptions to Specifications", which must be signed by Bidder's authorized representative. An explanation must be made for each item to which an exception is taken, giving in detail the extent of the exception and the reason for which it is taken. Bids failing to comply with this requirement will be considered non-responsive. Submittal of brochure or other manufacturer literature is desirable but shall not be an acceptable substitution for this requirement.

COMPLIANCE WITH LAWS. All bids shall comply with current federal, state, local and other laws relative thereto.

TERMS AND CONDITIONS-continued

FORCE MAJEURE. If execution of this contract shall be delayed or suspended and if such failure arises out of causes beyond the control of and without fault or negligence of the Contractor, the Contractor shall notify the City, in writing, within twenty-four (24) hours, after the delay. Such causes may include but are not limited to acts of God, war, acts of a public enemy, acts of any governmental entity in its sovereign or contractual capacity, fires, floods, epidemics, strikes and unusually severe weather.

FORMATION OF CONTRACT. Bidder's signed bid and City's written acceptance shall constitute a binding contract.

LAWS GOVERNING CONTRACT. This contract shall be in accordance with the laws of the state of California. The parties stipulate that this contract was entered into in the county of Alameda, in the State of California. The parties further stipulate that the county of Alameda, California, is the only appropriate forum for any litigation resulting from a breach hereof or any questions risen here from.

NOMENCLATURES. The terms Successful Bidder, supplier, vendor, and contractor may be used interchangeably in this solicitation and shall refer exclusively to the person, company, or corporation with whom the City enters into a contract as a result of this solicitation.

REJECTION OF BIDS. The City reserves the right to reject any bids, all bids, or any part of a bid. The City reserves the right to reject the bid of any Bidder who previously failed to perform adequately for the City or any other governmental agency. The City expressly reserves the right to reject the bid of any Bidder who is in default on the payment of taxes, licenses, or other monies due the City of San Leandro.

SAFETY. All articles delivered under this contract must conform to the Safety Orders of the State of California, Division of Industrial Safety.

SELL OR ASSIGN. The successful Bidder shall not have the right to sell, assign, or transfer, any rights or duties under this contract without the specific written consent of the City.

SEVERABILITY. If any provisions, or portions of any provisions, of this contract are held invalid, illegal, or unenforceable, they shall be severed from the contract and the remaining provisions shall be valid and enforceable.

TAXES, FEDERAL EXCISE. The City is exempt from Federal Excise Tax.

TAXES, SALES. California Sales Tax should be shown separately on the Bid Form, when and where indicated.

WAIVER OF INFORMALITIES. The City reserves the right to waive informalities or technicalities in bids.

SPECIAL PROVISIONS FOR SERVICES

ACCESSIBILITY. The contractor shall fully inform themselves regarding any peculiarities and limitations of the spaces available for the performance of work under this contract. They shall exercise due and particular caution to determine that all parts of this work are made quickly and easily accessible.

AUTHORITY OF THE CITY. Subject to the power and authority of the City as provided by law in this contract, the City shall in all cases determine the quantity, quality, and acceptability of the work, materials and supplies for which payment is to be made under this contract. The City shall decide questions that may arise relative to the fulfillment of the contract or the obligations of the contractor hereunder.

BUSINESS LICENSE. Though not required to submit a bid, the successful bidder shall provide proof of valid and active City of San Leandro business license prior to commencement of the work.

CHANGES IN WORK. The City may, at any time work is in progress, by written order and without notice to the sureties, make alterations in the terms of work as shown in the specifications, require the performance of extra work, decrease the quantity of work, or make such other changes as the City may find necessary or desirable. The contractor shall not claim forfeiture of contract by reasons of such changes by the City. Changes in work and the amount of compensation to be paid to the contractor for any extra work as so ordered shall be determined in accordance with the unit prices quoted.

CLEAN-UP. During performance and upon completion of work on this project contractor will remove all unused equipment and instruments of service, all excess or unsuitable material, trash, rubbish and debris, and legally dispose of same, unless otherwise directed by these specifications. Contractor shall leave entire area in a neat, clean and acceptable condition as approved by the City.

COMPLIANCE WITH FAIR EMPLOYMENT PRACTICE ACT. Contractor agrees in accordance with Section 1735 and 1777.6 of California Labor Code, and the California Fair Employment Practice Act (Sections 1410-1433) that in the hiring of common or skilled labor for the performance of any work under this contract or any subcontract hereunder, no contractor, material supplier or vendor shall, by reason of race, color, national origin or ancestry, or religion, discriminate against any person who is qualified and available to perform the work to which such employment relates.

CONTRACT INCORPORATION. This contract embodies the entire contract between the City and the Contractor. The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding of any kind or nature not set forth herein. No changes, amendments, or modifications of any of the terms or conditions of the contract shall be valid unless reduced to writing and signed by both parties. The complete contract shall

**SPECIAL PROVISIONS
FOR SERVICES – Continued**

include the entire contents of the bid solicitation, all addenda, all of Bidder's successful submittal, supplemental agreements, change orders, performance bond(s), and any and all written agreements which alter, amend or extend the contract.

CONTRACTOR LICENSE: A class A or C-12 California contractor license is required for this work. No bid shall be accepted from a contractor who has not been licensed in accordance with Chapter 9, Division 3 of the Business and Professional Code.

COOPERATION BETWEEN CONTRACTORS. The City reserves the rights to contract for and perform other or additional work on or near the work covered by these specifications. When separate contracts are let within the limits of any one project, each contractor shall conduct their work so as not to interfere with or hinder the progress or completion of the work being performed by other contractors. Contractors working on the same project shall cooperate with each other as directed. Each contractor involved shall assume all liability, financial or otherwise, in connection with this contract and shall protect and save harmless the City from any and all damages or claims that may arise because of inconvenience, delays, or loss experienced by him because of the presence and operations of other contractors working within the limits of the same project.

COORDINATION WITH AGENCIES. The contractor shall coordinate their activities with the proper regulatory agencies and have their representative on site at the proper times.

DAMAGE. The contractor shall be held responsible for any breakage, loss of the City's equipment or supplies through negligence of the contractor or their employee while working on the City's premises. The contractor shall be responsible for restoring or replacing any equipment, facilities, etc. so damaged. The contractor shall immediately report to the City any damages to the premises resulting from services performed under this contract. Failure or refusal to restore or replace such damaged property will be a breach of this contract.

EXAMINATION OF SPECIFICATION AND SITE. Bidder is expected to carefully examine the site of the proposed work and all bid specifications, documents, and forms. They shall satisfy themselves as to the character, quality, and quantities of work to be performed, materials to be furnished and the requirements of the proposed specifications.

INDEPENDENT CONTRACTOR. In accepting this contract, Contractor covenants that it presently has no interest, and shall not acquire any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the services hereunder. Contractor further covenants that, in the performance of this contract, no subcontractor or person having such an interest shall be employed. Contractor certifies that to the best of their knowledge, no one who has or will have any financial interest under this contract is an officer or employee of City. It is expressly agreed by Contractor that in the performance of

**SPECIAL PROVISIONS
FOR SERVICES – Continued**

the services required under this contract, Contractor, and any of its subcontractors or employees, shall at times be considered independent contractors and not agents of City.

INSURANCE REQUIREMENTS. Within ten (10) consecutive calendar *days* of award of contract, Successful Bidder must furnish the City with the Certificates of Insurance proving coverage as specified in the attached insurance requirements and naming the City of San Leandro, its officers and agents, Additional Insured by endorsement. Failure to furnish the required certificates within the time allowed will result in forfeiture of Bidder's Bid Security.

LAWS - ADHERENCE TO ALL LOCAL, STATE, AND FEDERAL LAWS AND REQUIREMENTS. The contractor shall adhere to all applicable health and safety laws and regulations including, but not limited to, those promulgated by CAL-OSHA, FED-OSHA, EPA, the California State Department of Health Services, and County Environmental Health Department.

LIQUIDATED DAMAGES. Time is of the essence of this contract. Failure to start and complete all work specified within the time allowed shall constitute material breach of contract. The "time allowed" will be calculated *from the* date of the Notice to Proceed through the "Maximum Completion/Delivery Time" indicated by the City on the Bid Form. Failure of successful Bidder to complete the work or deliver the goods within the time allowed will result in damages, and for each consecutive day in excess, the contractor shall pay to the City the sum of **\$250** per calendar day. Such amount shall not be construed as a penalty but as a minimum value of liquidated damages that may be deducted from payment due to the contractor if such delay occurs.

MEASUREMENTS. It is the responsibility of the Bidder to make all measurements to determine their bid price. The City will not be responsible for determining the quantities of materials necessary to complete the work specified.

PERMITS. Unless otherwise specified herein, Contractor shall at their expense, obtain all permits and licenses and pay all charges and fees necessary for the performance of the contract, and shall give all public notices necessary for the lawful performance of the contract.

Contractor shall pay all taxes, levies, duties and assessments of every nature due in connection with any work under the contract, shall make any and all payroll deductions required by law, and shall indemnify and hold harmless the City from any liability on account of any and all such taxes, levies, duties, assessments and deductions.

PREVAILING WAGE: This is a prevailing wage rate job. Certified copies of employee time sheets for those employees employed on this project shall be required to be provided to the City of San Leandro Purchasing Office.

**SPECIAL PROVISIONS
FOR SERVICES – Continued**

PROTECTION OF PUBLIC. Adequate warning devices, barricades, guards, flagmen or other necessary precautions shall be taken by the contractor to give advised and reasonable protection, safety and warning to persons and vehicular traffic concerned in the area.

REJECTION OF WORK. Contractor agrees that the City has the right to make all final determinations as to whether the work has been satisfactorily completed.

UNKNOWN OBSTRUCTIONS. Should any unknown obstruction be encountered during the course of this contract the Contractor shall immediately bring it to the attention of the City. The contractor shall be responsible for the protection of all existing equipment, furniture, or utilities encountered within the work area.

BID FORM
Sludge Haul 207-2008
07-08.028

To: City of San Leandro
835 E. 14th Street
San Leandro, California, 94577

From: _____
Name of Bidder

Mailing Address

City, State & Zip

The undersigned Bidder agrees he will contract with the City of San Leandro to provide all necessary labor, supervision, machinery, tools, apparatus, and other means of construction to do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and that he will take in full payment the amount set forth hereon.

Bid No. 07-08.028 for **Sludge Haul 2007-2008**, in its entirety, all Addenda and the following documents by this reference are hereby made a part of this contract:

- a. Notice of Invitation For Bids
- b. Sludge Material Management Specifications
- c. Instructions To Bidder
- d. Terms and Conditions
- e. Special Provisions For Services
- f. Bid form**
- g. Addenda (if any)**
- h. Subcontractor information questionnaire**
- i. Non-Collusion Affidavit**
- j. Bidder's Guaranty**
- k. Bidder's Statement Regarding Insurance Coverage**
- l. Worker's Compensation Insurance Certificate**
- m. Experience Statement**
- n. Subcontractors List**
- o. Contractor's License Statement**
- p. Insurance requirements (attached)

Items in **bold** are to be completed and enclosed in sealed bid.

BID FORM - Continued

Bidder acknowledges receipt of Addenda Number(s) __, __, __, and __.

The cost of all labor, material, and equipment necessary for the completion of the work itemized, even though not shown or specified, shall be included in the unit price for the various items shown hereon. The City of San Leandro reserves the right to increase or decrease the quantity of any item or omit items as may be deemed necessary, and the same shall in no way affect or make void the contract. When increases or decreases are made, appropriate additions or deductions from the contract total price will be made at the stipulated unit price.

<u>Qty</u>	<u>Unit</u>	<u>Description of Work</u>	<u>Unit</u>	<u>Total</u>
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Bid price PER TON (in figures): \$ _____

Bid price per ton in words:

Award of bid will be made to the lowest responsible and responsive bidder based on the Total Bid amount.

Amount Written in Words. This bid will be awarded based upon the total amount bid **as written in words**. Where there is a discrepancy between words and figures, **WORDS WILL GOVERN**. Where there is a discrepancy between item unit price and extended total, **UNIT PRICE WILL GOVERN**.

Please check your calculations before submitting your bid; the City will not be responsible for Bidder miscalculations.

BID FORM - Continued

Subcontractor Information. Does this proposal include the use of subcontractors?

Yes _____ No _____ Initials _____

Company Name of Bidder

Mailing Address (PO Box or street)

City, State, and Zip Code

Name of Authorized Representative

Signature

Title

Type of Business (Corp, Partnership, Sole Proprietorship)

Telephone Number

Facsimile Number

**Non-Collusion Affidavit
To Be Completed and Submitted With Bid**

State of California)
County of Alameda ss.
)

_____ (name of signer), being first duly sworn, deposes and says that he or she is Owner of _____ (Company name) the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation, that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that the Bidder has not , directly or indirectly, submitted their bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid."

(Date)

(Signed at (Place))

Bidder Name
(Person, Firm, Corp.)

Authorized Representative

Address

Representative's Name

City, State, Zip

Representative's Title

**BIDDER'S GUARANTY
To Be Submitted With Bid**

The successful bidder shall execute this guaranty upon execution of the contract. If they so choose, Bidders may execute this guaranty at the time of submitting their bid.

To the City of San Leandro
Project: 074-08.028 Sludge Haul 2007-2008

The undersigned guarantees the production, construction, and installation of the following work included in this project in accordance with:

**Bid No. 07-08.028
Sludge Haul 2007-2008**

Should any of the materials or equipment prove defective or should the work as a whole prove defective, due to faulty workmanship, material furnished or methods of installation, or should the work or any part thereof fail to operate properly as originally intended and in accordance with the contract documents, due to any of the above causes, all within **twelve (12) months after date on which this contract is accepted** by the City of San Leandro, hereinafter called City, the undersigned agrees to reimburse the City, upon demand, for its expenses incurred in restoring said work to the condition contemplated in said project.

Said reimbursement shall include the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or upon demand by the City, to replace any such materials and to repair said work completely without cost to the City so that said work will function successfully as originally contemplated. The City shall have the unqualified option to make any needed replacement or repairs itself or to have such replacements or repairs done by the undersigned. In the event the City elects to have said work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within a reasonable time after the receipt of demand from the City. If the undersigned shall fail or refuse to comply with their obligations under this guaranty, the City shall be entitled to all costs and expenses, including attorney's fees, reasonably incurred due to the said failure or refusal.

Name of Bidder/Contractor (Person, Firm, or Corporation)

Signature of Bidder/Contractor's Authorized Representative

Name & Title of Authorized Representative

Date of Signing

**BIDDER'S STATEMENT
REGARDING INSURANCE COVERAGE
To Be Submitted With Bid**

BIDDER HEREBY CERTIFIES that the Bidder has reviewed and understands the insurance coverage requirements specified in the Invitation for Bids No. 07-08.028, for Sludge Haul 2007-2008. Should the Bidder be awarded the contract for the work, Bidder further certifies that the Bidder can meet the specified requirements for insurance, including insurance coverage of the subcontractors, and agrees to name the City of San Leandro as Additional Insured for the work specified.

Name of Bidder (Person, Firm, or Corporation)

Signature of Bidder's Authorized Representative

Name & Title of Authorized Representative

Date of Signing

WORKER'S COMPENSATION INSURANCE CERTIFICATE

The Contractor shall execute the following form as required by the California Labor Code, Sections 1860 and 1861:

I am aware of the provisions of Section 3700 of the Labor Code, which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Name of Bidder (Person, Firm, or Corporation)

Signature of Bidder's Authorized Representative

Name & Title of Authorized Representative

Date of Signing

ATTEST:
By _____
Signature

Title

**EXPERIENCE STATEMENT
To Be Submitted With Bid**

List at least three references for work of a similar nature performed within the last three years.

I hereby certify that I have performed the work listed below.

Signature of Bidder

Description	Yr.	Amt.	Customer & Telephone
_____		\$ _____	_____
			(____) _____
_____		\$ _____	_____
			(____) _____
_____		\$ _____	_____
			(____) _____
_____		\$ _____	_____
			(____) _____
_____		\$ _____	_____
			(____) _____

SUBCONTRACTORS LIST

The following is a list of the subcontractors that will be used in the work if the Bidder is awarded the contract, and no subcontractor not listed below will be used without the written approval of the City of San Leandro. Additional numbered pages outlining this portion of the bid may be attached to this page. **NOTE: Subcontractors' address, telephone number, license numbers, class and expiration date information may be omitted from this form but must then be submitted within two (2) working days following the opening of bids. Subcontractor name, location, and item of work must be stated at the time of the bid.**

Bidder Name

SUBCONTRACTORS LIST, Page 1		
<i>All Subcontractors in excess of 1/2 of 1% of total bid must be listed.</i>		
SUBCONTRACTOR:		ITEM OF WORK:
LOCATION/ADDRESS:		
LICENSE NO.	EXPIRATION DATE:	PHONE:
CLASS:	/ /	()
SUBCONTRACTOR:		ITEM OF WORK:
LOCATION/ADDRESS:		
LICENSE NO.	EXPIRATION DATE:	PHONE:
CLASS:	/ /	()

CONTRACTOR LICENSE STATEMENT

CONTRACTOR LICENSE: A class A or C-12 California contractor's license is required for this work. No bid shall be accepted from a contractor who has not been licensed in accordance with Chapter 9, Division 3 of the Business and Professional Code.

CA Contractor License # _____

INSURANCE REQUIREMENTS

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors. The cost of such insurance shall be included in the Contractor's bid.

1. Minimum Scope of Insurance. Coverage shall be at least as broad as:
 - A. Insurance Services Office form number GL 0002 (Ed. 1/73) covering Comprehensive General Liability and Insurance Services Office form number GL 0404 covering Broad Form Comprehensive General Liability; or Insurance Services Office Commercial General Liability coverage ("occurrence" form CG 0001.)
 - B. Insurance Services Office form number CA 0001 (Ed. 1/78) covering Automobile Liability, code 1 "any auto" and endorsement CA 0025.
 - C. Worker' Compensation insurance as required by the Labor Code of the State of California and Employers Liability insurance.

2. Minimum Limits of Insurance. Contractor shall maintain limits no less than:
 - A. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. If commercial General Liability Insurance or other form with general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
 - B. Automobile liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
 - C. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the Labor Code of the State of California and Employers Liability Limits of \$1,000,000 per accident.

3. Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insure shall reduce or eliminated such deductibles or self-insured retentions as respects the City, its officers, officials, employees, and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

4. Other Insurance Provisions. The policies are to contain, or be endorsed to contain, the following provisions:

A. General Liability and Automobile Liability Coverages.

- i. The City, its officers, officials, employees and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of the protection afforded to the City, its officers, officials, employees or volunteers.
- ii. The Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. any insurance or self -insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
- iii. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officers, officials, employees or volunteers.
- iv. The Contractor's insurance shall apply separately to each insured against whom claim is made or suite is brought, except with respect to the limits of the insurer's liability.

B. Workers' Compensation and Employers Liability Coverage.

The insurer shall agree to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses arising from work performed by the Contractor for the City.

C. All Coverages.

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, returned receipt request, has been given to the City.

5. Acceptability of Insurers. Insurance is to be placed with insurers with a Best's rating of no less than A:VIII.
6. Verification of Coverage. Contractor shall furnish City with certificates of insurance and with original endorsements effecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, at any time.
7. Subcontractors. Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

SAN LEANDRO SLUDGE HAUL 2007-2008
BID 07-08.028
LABORATORY ANALYSIS
50 PAGES

30 January, 2008

Shahed Abbasi
City of San Leandro
3000 Davis Street
San Leandro, CA 94577

RE: WPCP
Work Order: MQK0262

Enclosed are the results of analyses for samples received by the laboratory on 11/06/07 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Leticia Reyes
Project Manager

Amended Report

CA ELAP Certificate # 2682

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client, by accepting this report, also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

For Volatile Analysis a trip blank is required to be provided. If trip blank results are not included in the report, then either the trip blank was not submitted or requested to be analyzed.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
San Leandro W.P.C.P.	MQK0262-01	Other (W)	11/06/07 11:30	11/06/07 19:00

This is a Revised Report: Results to include re-analysis of Organochlorine Pesticides by EPA Method 8081A

Amended Report

City of San Leandro 3000 Davis Street San Leandro CA, 94577	Project: WPCP Project Number: San Leandro Project Manager: Shahed Abbasi	MQK0262 Reported: 01/30/08 16:35
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ORGANIC LEAD BY GFAA (HML 939-M)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00

Organic Lead	ND	25	ug/kg	1	7K12101	11/12/07	11/12/07	HML 939-M	
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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

INORGANICS

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Ammonia-N	4600	1000	mg/kg	200	7K19074	11/19/07	11/19/07 19:39	EPA 350.3 MOD.	MHA
Total Cyanide	7.8	0.50	"	1	7K13158	11/13/07	11/13/07 21:41	SM4500-CN-C,E	M2
Total Kjeldahl Nitrogen	29000	500	"	100	7K19076	11/19/07	11/19/07 18:58	SM4500-Norg C Mod	MHA

Amended Report

City of San Leandro 3000 Davis Street San Leandro CA, 94577	Project: WPCP Project Number: San Leandro Project Manager: Shahed Abbasi	MQK0262 Reported: 01/30/08 16:35
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NITROGEN, ORGANIC (Calculation)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Organic Nitrogen - N	24000	5.0	mg/kg	1	7K20086	11/20/07	11/20/07 12:33	Calculation	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Organochlorine Pesticides by EPA Method 8081A

TestAmerica - Nashville, TN

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Aldrin	ND	0.0337	mg/kg	20	7111853	11/10/07	11/13/07	SW846 8081A	RL1
delta-BHC	ND	0.0337	"	"	"	"	"	"	RL1
alpha-BHC	ND	0.0337	"	"	"	"	"	"	RL1
beta-BHC	ND	0.0655	"	"	"	"	"	"	RL1
gamma-BHC (Lindane)	ND	0.0337	"	"	"	"	"	"	RL1
alpha-Chlordane	ND	0.0337	"	"	"	"	"	"	RL1
gamma-Chlordane	ND	0.0337	"	"	"	"	"	"	RL1
Chlordane	ND	1.32	"	"	"	"	"	"	RL1
4,4'-DDD	ND	0.0337	"	"	"	"	"	"	RL1
4,4'-DDE	ND	0.0337	"	"	"	"	"	"	RL1
4,4'-DDT	ND	0.0337	"	"	"	"	"	"	RL1
Dieldrin	ND	0.0337	"	"	"	"	"	"	RL1
Endosulfan I	ND	0.0337	"	"	"	"	"	"	RL1
Endosulfan II	ND	0.0337	"	"	"	"	"	"	RL1
Endosulfan sulfate	ND	0.0337	"	"	"	"	"	"	RL1
Endrin	ND	0.0337	"	"	"	"	"	"	RL1
Endrin aldehyde	ND	0.0337	"	"	"	"	"	"	RL1
Endrin ketone	ND	0.0337	"	"	"	"	"	"	RL1
Heptachlor	ND	0.0337	"	"	"	"	"	"	RL1
Heptachlor epoxide	ND	0.0337	"	"	"	"	"	"	RL1
Methoxychlor	ND	0.0655	"	"	"	"	"	"	RL1
Toxaphene	ND	1.32	"	"	"	"	"	"	RL1
Surrogate: Tetrachloro-meta-xylene		%		10-150	"	"	"	"	Z3
Surrogate: Decachlorobiphenyl		%		12-150	"	"	"	"	Z3

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Total Metals by EPA 6000/7000 Series Methods

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Mercury	1.5	0.20	mg/kg	10	7K20016	11/20/07	11/20/07	EPA 7471A	
Antimony	ND	12	"	5	7K14034	11/14/07	11/15/07	EPA 6010B	RL1
Arsenic	ND	12	"	"	"	"	"	"	RL1
Barium	390	12	"	"	"	"	"	"	
Beryllium	ND	1.2	"	"	"	"	"	"	RL1, C
Cadmium	2.2	1.2	"	"	"	"	"	"	RL1, C
Chromium	70	1.2	"	"	"	"	11/16/07	"	
Cobalt	15	5.0	"	"	"	"	11/15/07	"	
Copper	270	2.5	"	"	"	"	11/16/07	"	
Lead	81	12	"	"	"	"	11/15/07	"	
Molybdenum	14	5.0	"	"	"	"	"	"	
Nickel	37	5.0	"	"	"	"	"	"	
Selenium	ND	12	"	"	"	"	"	"	RL1, C
Silver	71	1.2	"	"	"	"	11/16/07	"	
Thallium	ND	12	"	"	"	"	11/15/07	"	RL1
Vanadium	21	5.0	"	"	"	"	"	"	
Zinc	800	12	"	"	"	"	"	"	

Amended Report

City of San Leandro 3000 Davis Street San Leandro CA, 94577	Project: WPCP Project Number: San Leandro Project Manager: Shahed Abbasi	MQK0262 Reported: 01/30/08 16:35
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STLC Metals by EPA 6000/7000 Series Methods

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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San Leandro W.P.C.P. (MQK0262-01) Other (W) **Sampled: 11/06/07 11:30 Received: 11/06/07 19:00**

Silver	ND	0.10	mg/l	5	7L07043	12/07/07	12/11/07	EPA 6010B	RL1
Copper	6.5	0.10	"	"	"	"	"	"	
Lead	1.1	1.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Organochlorine Pesticides by EPA Method 8081A

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Mirex	ND	1.0	ug/kg	1	7K20032	11/20/07	11/23/07	EPA 8081A	
Kepone	ND	1.0	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	11/21/07	"	
alpha-BHC	ND	1.0	"	"	"	"	"	"	
beta-BHC	ND	1.0	"	"	"	"	"	"	
delta-BHC	ND	1.0	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.0	"	"	"	"	"	"	
Chlordane (tech)	5400	200	"	10	"	"	11/21/07	"	
4,4'-DDD	ND	6.0	"	1	"	"	11/21/07	"	
4,4'-DDE	ND	2.0	"	"	"	"	"	"	
4,4'-DDT	23	6.0	"	"	"	"	"	"	
Dieldrin	ND	2.0	"	"	"	"	"	"	
Endosulfan I	ND	2.0	"	"	"	"	"	"	
Endosulfan II	ND	2.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	6.0	"	"	"	"	"	"	
Endrin	ND	2.0	"	"	"	"	"	"	
Endrin aldehyde	ND	6.0	"	"	"	"	"	"	
Endrin ketone	ND	6.0	"	"	"	"	"	"	
Heptachlor	ND	1.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.0	"	"	"	"	"	"	
Methoxychlor	ND	4.0	"	"	"	"	"	"	
Toxaphene	ND	80	"	"	"	"	"	"	
Surrogate: Tetrachloro-m-xylene		63 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		86 %		30-150	"	"	"	"	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Organochlorine Pesticides by EPA Method 8081A

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01RE1) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Aldrin	ND	60	ug/kg	1	8A24027	01/25/08	01/25/08	EPA 8081A	H8
alpha-BHC	ND	60	"	"	"	"	"	"	H8
beta-BHC	ND	60	"	"	"	"	"	"	H8
delta-BHC	ND	60	"	"	"	"	"	"	H8
gamma-BHC (Lindane)	ND	60	"	"	"	"	"	"	H8
Chlordane (tech)	ND	1200	"	"	"	"	"	"	H8
4,4'-DDD	ND	360	"	"	"	"	"	"	H8
4,4'-DDE	ND	120	"	"	"	"	"	"	H8
4,4'-DDT	ND	360	"	"	"	"	"	"	H8
Dieldrin	ND	120	"	"	"	"	"	"	H8
Endosulfan I	ND	120	"	"	"	"	"	"	H8
Endosulfan II	ND	120	"	"	"	"	"	"	H8
Endosulfan sulfate	ND	360	"	"	"	"	"	"	H8
Endrin	ND	120	"	"	"	"	"	"	H8
Endrin aldehyde	ND	360	"	"	"	"	"	"	H8
Endrin ketone	ND	360	"	"	"	"	"	"	H8
Heptachlor	ND	60	"	"	"	"	"	"	H8
Heptachlor epoxide	ND	60	"	"	"	"	"	"	H8
Methoxychlor	ND	1200	"	"	"	"	"	"	H8
Toxaphene	ND	4800	"	"	"	"	"	"	H8
Surrogate: Tetrachloro-m-xylene		68 %		35-140	"	"	"	"	H8
Surrogate: Decachlorobiphenyl		79 %		30-150	"	"	"	"	H8

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
PCB-1016	ND	20	ug/kg	1	7K20033	11/20/07	11/21/07	EPA 8082	
PCB-1221	ND	20	"	"	"	"	"	"	
PCB-1232	ND	20	"	"	"	"	"	"	
PCB-1242	ND	20	"	"	"	"	"	"	
PCB-1248	ND	20	"	"	"	"	"	"	
PCB-1254	ND	20	"	"	"	"	"	"	
PCB-1260	ND	20	"	"	"	"	"	"	
<i>Surrogate: Tetrachloro-m-xylene</i>		68 %	15-120		"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		88 %	20-140		"	"	"	"	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00

Benzene	ND	5.0	ug/kg	1	7K14025	11/14/07	11/15/07	EPA 8260B	
Bromobenzene	ND	5.0	"	"	"	"	"	"	I
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	I
Bromomethane	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	I
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	I
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	I
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	I
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	I
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	I
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	I
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	I
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	I
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	I
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	I
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	I
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	I
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	I

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
p-Isopropyltoluene	ND	5.0	ug/kg	1	7K14025	11/14/07	11/15/07	EPA 8260B	I
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	I
Styrene	ND	5.0	"	"	"	"	"	"	I
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	I
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	I
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	I
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	I
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	I
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	I
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	I
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	I
<i>Surrogate: Dibromofluoromethane</i>		107 %		50-135	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		138 %		65-135	"	"	"	"	ZX
<i>Surrogate: Toluene-d8</i>		83 %		70-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		74 %		60-125	"	"	"	"	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Acenaphthene	ND	75	mg/kg	5	7K20030	11/20/07	11/21/07	EPA 8270C	RL1
Acenaphthylene	ND	75	"	"	"	"	"	"	RL1
Anthracene	ND	75	"	"	"	"	"	"	RL1
Benzo (a) anthracene	ND	75	"	"	"	"	"	"	RL1
Benzo (a) pyrene	ND	75	"	"	"	"	"	"	RL1
Benzo (b) fluoranthene	ND	75	"	"	"	"	"	"	RL1
Benzo (g,h,i) perylene	ND	75	"	"	"	"	"	"	RL1
Benzo (k) fluoranthene	ND	75	"	"	"	"	"	"	RL1
Benzoic acid	ND	150	"	"	"	"	"	"	RL1
Benzyl alcohol	ND	75	"	"	"	"	"	"	RL1
Bis(2-chloroethoxy)methane	ND	75	"	"	"	"	"	"	RL1
Bis(2-chloroethyl)ether	ND	75	"	"	"	"	"	"	RL1
Bis(2-chloroisopropyl)ether	ND	75	"	"	"	"	"	"	RL1
Bis(2-ethylhexyl)phthalate	ND	150	"	"	"	"	"	"	RL1
4-Bromophenyl phenyl ether	ND	75	"	"	"	"	"	"	RL1
Butyl benzyl phthalate	ND	75	"	"	"	"	"	"	RL1
4-Chloroaniline	ND	150	"	"	"	"	"	"	RL1
2-Chloronaphthalene	ND	75	"	"	"	"	"	"	RL1
4-Chloro-3-methylphenol	ND	75	"	"	"	"	"	"	RL1
2-Chlorophenol	ND	75	"	"	"	"	"	"	RL1
4-Chlorophenyl phenyl ether	ND	75	"	"	"	"	"	"	RL1
Chrysene	ND	75	"	"	"	"	"	"	RL1
Dibenz (a,h) anthracene	ND	75	"	"	"	"	"	"	RL1
Dibenzofuran	ND	75	"	"	"	"	"	"	RL1
Di-n-butyl phthalate	ND	150	"	"	"	"	"	"	RL1
1,2-Dichlorobenzene	ND	75	"	"	"	"	"	"	RL1
1,3-Dichlorobenzene	ND	75	"	"	"	"	"	"	RL1
1,4-Dichlorobenzene	ND	75	"	"	"	"	"	"	RL1
3,3'-Dichlorobenzidine	ND	150	"	"	"	"	"	"	RL1
2,4-Dichlorophenol	ND	75	"	"	"	"	"	"	RL1
Diethyl phthalate	ND	75	"	"	"	"	"	"	RL1
2,4-Dimethylphenol	ND	75	"	"	"	"	"	"	RL1
Dimethyl phthalate	ND	75	"	"	"	"	"	"	RL1
4,6-Dinitro-2-methylphenol	ND	150	"	"	"	"	"	"	RL1
2,4-Dinitrophenol	ND	150	"	"	"	"	"	"	RL1
2,4-Dinitrotoluene	ND	75	"	"	"	"	"	"	RL1
2,6-Dinitrotoluene	ND	75	"	"	"	"	"	"	RL1
Di-n-octyl phthalate	ND	150	"	"	"	"	"	"	RL1

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Fluoranthene	ND	75	mg/kg	5	7K20030	11/20/07	11/21/07	EPA 8270C	RL1
Fluorene	ND	75	"	"	"	"	"	"	RL1
Hexachlorobenzene	ND	75	"	"	"	"	"	"	RL1
Hexachlorobutadiene	ND	75	"	"	"	"	"	"	RL1
Hexachlorocyclopentadiene	ND	150	"	"	"	"	"	"	RL1
Hexachloroethane	ND	75	"	"	"	"	"	"	RL1
Indeno (1,2,3-cd) pyrene	ND	75	"	"	"	"	"	"	RL1
Isophorone	ND	75	"	"	"	"	"	"	RL1
2-Methylnaphthalene	ND	75	"	"	"	"	"	"	RL1
2-Methylphenol	ND	75	"	"	"	"	"	"	RL1
3 & 4-Methylphenol	ND	75	"	"	"	"	"	"	RL1
Naphthalene	ND	75	"	"	"	"	"	"	RL1
2-Nitroaniline	ND	150	"	"	"	"	"	"	RL1
3-Nitroaniline	ND	150	"	"	"	"	"	"	RL1
4-Nitroaniline	ND	150	"	"	"	"	"	"	RL1
Nitrobenzene	ND	75	"	"	"	"	"	"	RL1
2-Nitrophenol	ND	75	"	"	"	"	"	"	RL1
4-Nitrophenol	ND	150	"	"	"	"	"	"	RL1
N-Nitrosodi-n-propylamine	ND	75	"	"	"	"	"	"	RL1
N-Nitrosodiphenylamine	ND	75	"	"	"	"	"	"	RL1
Pentachlorophenol	ND	150	"	"	"	"	"	"	RL1
Phenanthrene	ND	75	"	"	"	"	"	"	RL1
Phenol	ND	75	"	"	"	"	"	"	RL1
Pyrene	ND	75	"	"	"	"	"	"	RL1
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	RL1
2,4,5-Trichlorophenol	ND	150	"	"	"	"	"	"	RL1
2,4,6-Trichlorophenol	ND	75	"	"	"	"	"	"	RL1
Surrogate: 2-Fluorophenol		77 %	35-120		"	"	"	"	RL1
Surrogate: Phenol-d6		73 %	35-120		"	"	"	"	RL1
Surrogate: Nitrobenzene-d5		107 %	45-120		"	"	"	"	RL1
Surrogate: 2-Fluorobiphenyl		103 %	40-120		"	"	"	"	RL1
Surrogate: 2,4,6-Tribromophenol		86 %	25-120		"	"	"	"	RL1
Surrogate: p-Terphenyl-d14		95 %	30-125		"	"	"	"	RL1

Amended Report

City of San Leandro 3000 Davis Street San Leandro CA, 94577	Project: WPCP Project Number: San Leandro Project Manager: Shahed Abbasi	MQK0262 Reported: 01/30/08 16:35
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Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Phenol	ND	5.0	mg/kg	1	7K16020	11/16/07	11/16/07	EPA 420.1	
Total Solids	78	1.0	%	"	7K08001	11/07/07	11/09/07	SM2540G	

Amended Report

City of San Leandro
 3000 Davis Street
 San Leandro CA, 94577

Project: WPCP
 Project Number: San Leandro
 Project Manager: Shahed Abbasi

MQK0262
Reported:
 01/30/08 16:35

Anions by EPA Method 300.0

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
Fluoride	ND	2.0	mg/kg	1	7L03016	12/03/07	12/03/07	EPA 300.0	
Nitrate as N	790	100	"	100	7K09017	11/07/07	11/07/07 15:00	"	

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Chlorinated Herbicides per EPA Method 8151A Modified

TestAmerica Portland

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
San Leandro W.P.C.P. (MQK0262-01) Other (W) Sampled: 11/06/07 11:30 Received: 11/06/07 19:00									
2,4-D	ND	199	ug/kg wet	10	7110431	11/13/07	11/24/07	8151mod	RL1,C
2,4-DB	ND	199	"	"	"	"	"	"	RL1,C
2,4,5-T	ND	199	"	"	"	"	"	"	RL1
2,4,5-TP (Silvex)	ND	199	"	"	"	"	"	"	RL1
Dalapon	ND	199	"	"	"	"	"	"	RL1
Dicamba	ND	199	"	"	"	"	"	"	RL1
Dichlorprop	ND	199	"	"	"	"	"	"	RL1,C
Dinoseb	ND	199	"	"	"	"	"	"	RL1
MCPA	ND	19900	"	"	"	"	"	"	RL1
MCPP	ND	19900	"	"	"	"	"	"	RL1
Surrogate: 2,4-Dichlorophenylacetic acid		244 %	30-140		"	"	"	"	RL1,ZX

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

ORGANIC LEAD BY GFAA (HML 939-M) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K12101 - HML 939-M / HML 939-M

Blank (7K12101-BLK1)

Prepared & Analyzed: 11/12/07

Organic Lead	ND	25	ug/kg							
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Laboratory Control Sample (7K12101-BS1)

Prepared & Analyzed: 11/12/07

Organic Lead	97.5	25	ug/kg	100		98	80-120			
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Laboratory Control Sample Dup (7K12101 BSD1)

Prepared & Analyzed: 11/12/07

Organic Lead	102	25	ug/kg	100		102	80-120	4	20	
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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

INORGANICS - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K19074 - General Prep / EPA 350.3 MOD.

Blank (7K19074-BLK1)

Prepared & Analyzed: 11/19/07

Ammonia-N ND 5.0 mg/kg

Laboratory Control Sample (7K19074-BS1)

Prepared & Analyzed: 11/19/07

Ammonia-N 20.5 5.0 mg/kg 20.0 103 85-115

Matrix Spike (7K19074 MS1)

Source: MQK0262 01

Prepared & Analyzed: 11/19/07

Ammonia-N 5420 1000 mg/kg 400 4630 199 75-125 MHA

Matrix Spike Dup (7K19074-MSD1)

Source: MQK0262-01

Prepared & Analyzed: 11/19/07

Ammonia-N 5640 1000 mg/kg 400 4630 254 75-125 4 15 MHA

Batch 7K13158 - General Prep / SM4500-CN-C,E

Blank (7K13158-BLK1)

Prepared & Analyzed: 11/13/07

Total Cyanide ND 0.50 mg/kg

Laboratory Control Sample (7K13158-BS1)

Prepared & Analyzed: 11/13/07

Total Cyanide 5.32 0.50 mg/kg 5.00 106 90-110

Matrix Spike (7K13158-MS1)

Source: MQK0262-01

Prepared & Analyzed: 11/13/07

Total Cyanide 10.4 0.50 mg/kg 5.00 7.80 51 70-115 M2

Matrix Spike Dup (7K13158-MSD1)

Source: MQK0262-01

Prepared & Analyzed: 11/13/07

Total Cyanide 10.4 0.50 mg/kg 5.00 7.80 52 70-115 0.3 15 M2

Batch 7K19076 - General Prep / SM4500-Norg C Mod

Blank (7K19076-BLK1)

Prepared & Analyzed: 11/19/07

Total Kjeldahl Nitrogen ND 5.0 mg/kg

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

INORGANICS - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K19076 - General Prep / SM4500-Norg C Mod

Laboratory Control Sample (7K19076-BS1)				Prepared & Analyzed: 11/19/07						
Total Kjeldahl Nitrogen	202	5.0	mg/kg	200	101	80-120				
Matrix Spike (7K19076-MS1)				Source: MQK0262-01 Prepared & Analyzed: 11/19/07						
Total Kjeldahl Nitrogen	34400	500	mg/kg	5000	29400	101	35-170			MHA
Matrix Spike Dup (7K19076 MSD1)				Source: MQK0262 01 Prepared & Analyzed: 11/19/07						
Total Kjeldahl Nitrogen	35000	500	mg/kg	5000	29400	112	35-170	2	35	MHA

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica - Nashville, TN

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7111853 - EPA 3550B / SW846 8081A

Blank (7111853-BLK1)

Prepared: 11/10/07 Analyzed: 11/12/07

Aldrin	ND	0.00170	mg/kg							
delta-BHC	ND	0.00170	"							
alpha-BHC	ND	0.00170	"							
beta-BHC	ND	0.00330	"							
gamma-BHC (Lindane)	ND	0.00170	"							
alpha-Chlordane	ND	0.00170	"							
gamma-Chlordane	ND	0.00170	"							
Chlordane	ND	0.0667	"							
4,4'-DDD	ND	0.00170	"							
4,4'-DDE	ND	0.00170	"							
4,4'-DDT	ND	0.00170	"							
Dieldrin	ND	0.00170	"							
Endosulfan I	ND	0.00170	"							
Endosulfan II	ND	0.00170	"							
Endosulfan sulfate	ND	0.00170	"							
Endrin	ND	0.00170	"							
Endrin aldehyde	ND	0.00170	"							
Endrin ketone	ND	0.00170	"							
Heptachlor	ND	0.00170	"							
Heptachlor epoxide	ND	0.00170	"							
Methoxychlor	ND	0.00330	"							
Toxaphene	ND	0.0667	"							
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0150		"	0.0167		90	10-150			
<i>Surrogate: Decachlorobiphenyl</i>	0.0137		"	0.0167		82	12-150			

Laboratory Control Sample (7111853-BS1)

Prepared: 11/10/07 Analyzed: 11/13/07

Aldrin	0.0127	0.00170	mg/kg	0.0167		76	46-135			MNR
delta-BHC	0.0137	0.00170	"	0.0167		82	40-133			MNR
alpha-BHC	0.0133	0.00170	"	0.0167		80	47-137			MNR
beta-BHC	0.0130	0.00330	"	0.0167		78	49-142			MNR
gamma-BHC (Lindane)	0.0147	0.00170	"	0.0167		88	45-136			MNR
alpha-Chlordane	0.0127	0.00170	"	0.0167		76	50-138			MNR
gamma-Chlordane	0.0120	0.00170	"	0.0167		72	47-141			MNR
4,4'-DDD	0.0187	0.00170	"	0.0167		112	46-146			MNR
4,4'-DDE	0.0133	0.00170	"	0.0167		80	45-144			MNR
4,4'-DDT	0.0163	0.00170	"	0.0167		98	45-141			MNR

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica - Nashville, TN

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7111853 - EPA 3550B / SW846 8081A

Laboratory Control Sample (7111853-BS1)

Prepared: 11/10/07 Analyzed: 11/13/07

Dieldrin	0.0127	0.00170	mg/kg	0.0167		76	50-139			MNR
Endosulfan I	0.0137	0.00170	"	0.0167		82	53-133			MNR
Endosulfan II	0.0213	0.00170	"	0.0167		128	46-141			MNR
Endosulfan sulfate	0.0113	0.00170	"	0.0167		68	47-141			MNR
Endrin	0.0147	0.00170	"	0.0167		88	47-146			MNR
Endrin aldehyde	0.0120	0.00170	"	0.0167		72	38-139			MNR
Endrin ketone	0.0130	0.00170	"	0.0167		78	48-143			MNR
Heptachlor	0.0130	0.00170	"	0.0167		78	47-139			MNR
Heptachlor epoxide	0.0130	0.00170	"	0.0167		78	44-147			MNR
Methoxychlor	0.00867	0.00330	"	0.0167		52	48-146			MNR
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0290		"	0.0333		87	10-150			
<i>Surrogate: Decachlorobiphenyl</i>	0.0287		"	0.0333		86	12-150			

Laboratory Control Sample (7111853-BS2)

Prepared: 11/10/07 Analyzed: 11/13/07

Chlordane	0.180	0.0667	mg/kg	0.167		108	44-150			
Toxaphene	0.310	0.0667	"	0.333		93	28-150			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0157		"	0.0167		94	10-150			
<i>Surrogate: Decachlorobiphenyl</i>	0.0163		"	0.0167		98	12-150			

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Total Metals by EPA 6000/7000 Series Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14034 - EPA 3050B / EPA 6010B

Blank (7K14034-BLK1)

Prepared: 11/14/07 Analyzed: 11/15/07

Antimony	ND	2.5	mg/kg							
Arsenic	ND	2.5	"							
Barium	ND	2.5	"							
Beryllium	ND	0.25	"							C
Cadmium	ND	0.25	"							C
Chromium	ND	0.25	"							
Cobalt	ND	1.0	"							
Copper	ND	0.50	"							
Lead	ND	2.5	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Selenium	ND	2.5	"							C
Silver	ND	0.25	"							C
Thallium	ND	2.5	"							
Vanadium	ND	1.0	"							
Zinc	ND	2.5	"							

Laboratory Control Sample (7K14034-BS1)

Prepared: 11/14/07 Analyzed: 11/15/07

Arsenic	42.2	2.5	mg/kg	50.0	84	80-120				
Barium	44.0	2.5	"	50.0	88	80-120				
Beryllium	44.3	0.25	"	50.0	89	80-120				C
Cadmium	43.2	0.25	"	50.0	86	80-120				C
Chromium	43.3	0.25	"	50.0	87	80-120				
Cobalt	42.9	1.0	"	50.0	86	80-120				
Copper	42.8	0.50	"	50.0	86	80-120				
Lead	43.5	2.5	"	50.0	87	80-120				
Molybdenum	43.0	1.0	"	50.0	86	80-120				
Nickel	43.2	1.0	"	50.0	86	80-120				
Selenium	41.8	2.5	"	50.0	84	80-120				C
Silver	42.9	0.25	"	50.0	86	80-120				C
Thallium	43.4	2.5	"	50.0	87	80-120				
Vanadium	43.4	1.0	"	50.0	87	80-120				
Zinc	43.2	2.5	"	50.0	86	80-120				

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Total Metals by EPA 6000/7000 Series Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14034 - EPA 3050B / EPA 6010B

Laboratory Control Sample (7K14034-BS1)

Prepared: 11/14/07 Analyzed: 11/16/07

Antimony	44.8	2.5	mg/kg	50.0	90	80-120				
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Matrix Spike (7K14034-MS1)

Source: MQK0312-01

Prepared: 11/14/07 Analyzed: 11/15/07

Antimony	23.4	12	mg/kg	50.0	4.62	38	80-120			M8
Arsenic	53.0	12	"	50.0	7.40	91	80-120			
Barium	51.5	12	"	50.0	6.35	90	80-120			
Beryllium	44.2	1.2	"	50.0	0.0750	88	80-120			C
Cadmium	44.3	1.2	"	50.0	ND	89	80-120			C
Cobalt	61.2	5.0	"	50.0	17.0	88	80-120			
Lead	57.2	12	"	50.0	12.4	90	80-120			
Molybdenum	128	5.0	"	50.0	97.0	61	80-120			M8
Nickel	44.0	5.0	"	50.0	ND	88	80-120			
Selenium	43.0	12	"	50.0	6.78	72	80-120			C
Silver	45.3	1.2	"	50.0	1.45	88	80-120			C
Thallium	42.3	12	"	50.0	ND	85	80-120			
Vanadium	50.2	5.0	"	50.0	9.28	82	80-120			
Zinc	128	12	"	50.0	92.1	71	80-120			M8

Matrix Spike (7K14034-MS1)

Source: MQK0312-01

Prepared: 11/14/07 Analyzed: 11/16/07

Chromium	60.3	1.2	"	50.0	33.5	54	80-120			M8
Copper	1400	2.5	"	50.0	1250	296	80-120			M7

Matrix Spike Dup (7K14034-MSD1)

Source: MQK0312-01

Prepared: 11/14/07 Analyzed: 11/15/07

Antimony	18.6	12	mg/kg	50.0	4.62	28	80-120	23	35	M8
Arsenic	42.2	12	"	50.0	7.40	70	80-120	22	35	M8
Barium	47.4	12	"	50.0	6.35	82	80-120	8	35	
Beryllium	41.0	1.2	"	50.0	0.0750	82	80-120	7	35	C
Cadmium	41.9	1.2	"	50.0	ND	84	80-120	5	35	C
Cobalt	56.8	5.0	"	50.0	17.0	79	80-120	8	35	M8
Lead	54.4	12	"	50.0	12.4	84	80-120	5	35	
Molybdenum	119	5.0	"	50.0	97.0	44	80-120	7	35	M8
Nickel	39.5	5.0	"	50.0	ND	79	80-120	11	35	M8
Selenium	40.8	12	"	50.0	6.78	68	80-120	5	35	C
Silver	42.2	1.2	"	50.0	1.45	81	80-120	7	35	C
Thallium	41.8	12	"	50.0	ND	84	80-120	1	35	
Vanadium	47.9	5.0	"	50.0	9.28	77	80-120	5	35	M8
Zinc	145	12	"	50.0	92.1	106	80-120	13	35	

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3000 Davis Street
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Total Metals by EPA 6000/7000 Series Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14034 - EPA 3050B / EPA 6010B

Matrix Spike Dup (7K14034-MSD1)		Source: MQK0312-01		Prepared: 11/14/07 Analyzed: 11/16/07						
Chromium	65.4	1.2	mg/kg	50.0	33.5	64	80-120	8	35	M8
Copper	1490	2.5	"	50.0	1250	478	80-120	6	35	M7

Batch 7K20016 - EPA 7471A / EPA 7471A

Blank (7K20016-BLK1)				Prepared & Analyzed: 11/20/07						
Mercury	ND	0.020	mg/kg							
Blank (7K20016-BLK2)				Prepared & Analyzed: 11/20/07						
Mercury	ND	0.020	mg/kg							
Laboratory Control Sample (7K20016-BS1)				Prepared & Analyzed: 11/20/07						
Mercury	0.662	0.020	mg/kg	0.667		99	80-120			
Laboratory Control Sample (7K20016-BS2)				Prepared & Analyzed: 11/20/07						
Mercury	0.639	0.020	mg/kg	0.667		96	80-120			
Matrix Spike (7K20016 MS1)		Source: MQK0312 01		Prepared & Analyzed: 11/20/07						
Mercury	0.643	0.020	mg/kg	0.667	ND	96	80-120			
Matrix Spike Dup (7K20016-MSD1)		Source: MQK0312-01		Prepared & Analyzed: 11/20/07						
Mercury	0.652	0.020	mg/kg	0.667	ND	98	80-120	1	25	

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STLC Metals by EPA 6000/7000 Series Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L07043 - Title 22-STLC / EPA 6010B

Blank (7L07043-BLK1)

Prepared: 12/07/07 Analyzed: 12/10/07

Lead	ND	0.20	mg/l							
Silver	ND	0.020	"							
Copper	ND	0.020	"							
Selenium	ND	0.20	"							

Laboratory Control Sample (7L07043-BS1)

Prepared: 12/07/07 Analyzed: 12/10/07

Copper	1.91	0.020	mg/l	2.00		96	80-120			
Lead	1.89	0.20	"	2.00		95	80-120			
Silver	1.81	0.020	"	2.00		91	80-120			
Selenium	2.19	0.20	"	2.00		110	80-120			

Matrix Spike (7L07043-MS1)

Source: MQK0262-01

Prepared: 12/07/07 Analyzed: 12/11/07

Lead	2.87	1.0	mg/l	2.00	1.11	88	80-120			
Copper	8.36	0.10	"	2.00	6.53	91	80-120			
Selenium	1.83	1.0	"	2.00	ND	92	80-120			
Silver	1.86	0.10	"	2.00	0.0520	90	80-120			

Matrix Spike Dup (7L07043-MSD1)

Source: MQK0262-01

Prepared: 12/07/07 Analyzed: 12/11/07

Lead	3.11	1.0	mg/l	2.00	1.11	100	80-120	8	35	
Silver	1.88	0.10	"	2.00	0.0520	91	80-120	0.8	35	
Selenium	1.85	1.0	"	2.00	ND	92	80-120	0.9	35	
Copper	8.37	0.10	"	2.00	6.53	92	80-120	0.1	35	

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20032 - EPA 3580A / EPA 8081A

Blank (7K20032-BLK1)

Prepared: 11/20/07 Analyzed: 11/21/07

Aldrin	ND	1.0	ug/kg							
alpha-BHC	ND	1.0	"							
beta-BHC	ND	1.0	"							
delta-BHC	ND	1.0	"							
gamma-BHC (Lindane)	ND	1.0	"							
Chlordane (tech)	ND	20	"							
4,4'-DDD	ND	6.0	"							
4,4'-DDE	ND	2.0	"							
4,4'-DDT	ND	6.0	"							
Dieldrin	ND	2.0	"							
Endosulfan I	ND	2.0	"							
Endosulfan II	ND	2.0	"							
Endosulfan sulfate	ND	6.0	"							
Endrin	ND	2.0	"							
Endrin aldehyde	ND	6.0	"							
Endrin ketone	ND	6.0	"							
Heptachlor	ND	1.0	"							
Heptachlor epoxide	ND	1.0	"							
Methoxychlor	ND	4.0	"							
Toxaphene	ND	80	"							

Surrogate: Tetrachloro-m-xylene

195

"

200

97

35-140

Surrogate: Decachlorobiphenyl

386

"

400

96

30-150

Blank (7K20032-BLK1)

Prepared: 11/20/07 Analyzed: 11/23/07

Kepone	ND	1.0	"							
Mirex	ND	1.0	"							

Laboratory Control Sample (7K20032-BS1)

Prepared: 11/20/07 Analyzed: 11/21/07

Aldrin	81.5	1.0	ug/kg	80.0	102	70-120
alpha-BHC	62.2	1.0	"	80.0	78	70-120
beta-BHC	22.1	1.0	"	80.0	28	25-120
delta-BHC	42.5	1.0	"	80.0	53	35-130
gamma-BHC (Lindane)	50.6	1.0	"	80.0	63	40-120
4,4'-DDD	361	6.0	"	480	75	75-120
4,4'-DDE	155	2.0	"	160	97	70-120
4,4'-DDT	459	6.0	"	480	96	75-135
Dieldrin	146	2.0	"	160	91	70-120

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20032 - EPA 3580A / EPA 8081A

Laboratory Control Sample (7K20032-BS1)

Prepared: 11/20/07 Analyzed: 11/21/07

Endosulfan I	108	2.0	ug/kg	160	68	60-120				
Endosulfan II	89.8	2.0	"	160	56	10-120				
Endosulfan sulfate	206	6.0	"	480	43	15-120				
Endrin	163	2.0	"	160	102	75-120				
Endrin aldehyde	196	6.0	"	480	41	10-150				
Endrin ketone	286	6.0	"	480	60	25-120				
Heptachlor	71.5	1.0	"	80.0	89	65-125				
Heptachlor epoxide	76.1	1.0	"	80.0	95	70-120				
Methoxychlor	261	4.0	"	320	82	65-125				
Surrogate: Tetrachloro-m-xylene	185		"	200	92	35-140				
Surrogate: Decachlorobiphenyl	403		"	400	101	30-150				

Matrix Spike (7K20032-MS1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

Aldrin	76.6	1.0	ug/kg	80.0	ND	96	55-120			
alpha-BHC	87.7	1.0	"	80.0	ND	110	55-120			
beta-BHC	53.4	1.0	"	80.0	ND	67	25-120			
delta-BHC	62.7	1.0	"	80.0	ND	78	35-150			
gamma-BHC (Lindane)	78.8	1.0	"	80.0	ND	98	40-120			
4,4'-DDD	443	6.0	"	480	ND	92	45-120			
4,4'-DDE	177	2.0	"	160	ND	111	10-150			
4,4'-DDT	529	6.0	"	480	22.9	106	35-150			
Dieldrin	183	2.0	"	160	ND	114	35-125			
Endosulfan I	114	2.0	"	160	ND	71	10-135			
Endosulfan II	119	2.0	"	160	ND	74	10-130			
Endosulfan sulfate	372	6.0	"	480	ND	78	15-150			
Endrin	147	2.0	"	160	ND	92	40-135			
Endrin aldehyde	229	6.0	"	480	ND	48	10-150			
Endrin ketone	342	6.0	"	480	ND	71	25-135			
Heptachlor	89.4	1.0	"	80.0	ND	112	50-120			
Heptachlor epoxide	81.0	1.0	"	80.0	ND	101	50-120			
Methoxychlor	307	4.0	"	320	ND	96	25-150			
Surrogate: Tetrachloro-m-xylene	135		"	200	67	35-140				
Surrogate: Decachlorobiphenyl	390		"	400	97	30-150				

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20032 - EPA 3580A / EPA 8081A

Matrix Spike Dup (7K20032-MSD1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

Aldrin	79.6	1.0	ug/kg	80.0	ND	100	55-120	4	35	
alpha-BHC	90.2	1.0	"	80.0	ND	113	55-120	3	35	
beta-BHC	54.3	1.0	"	80.0	ND	68	25-120	2	35	
delta-BHC	64.6	1.0	"	80.0	ND	81	35-150	3	35	
gamma-BHC (Lindane)	84.5	1.0	"	80.0	ND	106	40-120	7	35	
4,4'-DDD	491	6.0	"	480	ND	102	45-120	10	35	
4,4'-DDE	186	2.0	"	160	ND	116	10-150	5	35	
4,4'-DDT	630	6.0	"	480	22.9	127	35-150	17	35	
Dieldrin	142	2.0	"	160	ND	89	35-125	25	35	
Endosulfan I	125	2.0	"	160	ND	78	10-135	9	35	
Endosulfan II	129	2.0	"	160	ND	81	10-130	9	35	
Endosulfan sulfate	530	6.0	"	480	ND	110	15-150	35	35	
Endrin	162	2.0	"	160	ND	101	40-135	10	35	
Endrin aldehyde	237	6.0	"	480	ND	49	10-150	3	35	
Endrin ketone	363	6.0	"	480	ND	76	25-135	6	35	
Heptachlor	77.5	1.0	"	80.0	ND	97	50-120	14	35	
Heptachlor epoxide	84.6	1.0	"	80.0	ND	106	50-120	4	35	
Methoxychlor	310	4.0	"	320	ND	97	25-150	1	35	
Surrogate: Tetrachloro-m-xylene	135		"	200		68	35-140			
Surrogate: Decachlorobiphenyl	399		"	400		100	30-150			

Batch 8A24027 - EPA 3580A / EPA 8081A

Blank (8A24027-BLK1)

Prepared & Analyzed: 01/25/08

Aldrin	ND	60	ug/kg							
alpha-BHC	ND	60	"							
beta-BHC	ND	60	"							
delta-BHC	ND	60	"							
gamma-BHC (Lindane)	ND	60	"							
Chlordane (tech)	ND	1200	"							
4,4'-DDD	ND	360	"							
4,4'-DDE	ND	120	"							
4,4'-DDT	ND	360	"							
Dieldrin	ND	120	"							
Endosulfan I	ND	120	"							
Endosulfan II	ND	120	"							

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A24027 - EPA 3580A / EPA 8081A

Blank (8A24027-BLK1)

Prepared & Analyzed: 01/25/08

Endosulfan sulfate	ND	360	ug/kg							
Endrin	ND	120	"							
Endrin aldehyde	ND	360	"							
Endrin ketone	ND	360	"							
Heptachlor	ND	60	"							
Heptachlor epoxide	ND	60	"							
Methoxychlor	ND	1200	"							
Toxaphene	ND	4800	"							
<i>Surrogate: Tetrachloro-m-xylene</i>	104		"	200		52	35-140			
<i>Surrogate: Decachlorobiphenyl</i>	267		"	400		67	30-150			

Laboratory Control Sample (8A24027-BS1)

Prepared & Analyzed: 01/25/08

Aldrin	73.3	60	ug/kg	80.0		92	70-120			
alpha-BHC	58.7	20	"	80.0		73	70-120			
beta-BHC	17.3	20	"	80.0		22	45-120			L2
delta-BHC	42.6	20	"	80.0		53	35-130			
gamma-BHC (Lindane)	47.4	20	"	80.0		59	40-120			
4,4'-DDD	343	120	"	480		72	45-120			
4,4'-DDE	132	120	"	160		83	70-120			
4,4'-DDT	390	360	"	480		81	75-135			
Dieldrin	125	120	"	160		78	70-120			
Endosulfan I	131	120	"	160		82	60-120			
Endosulfan II	102	60	"	160		63	10-120			
Endosulfan sulfate	192	120	"	480		40	10-120			
Endrin	134	120	"	160		84	75-120			
Endrin aldehyde	171	120	"	480		36	10-150			
Endrin ketone	259	120	"	480		54	25-120			
Heptachlor	66.5	60	"	80.0		83	65-125			
Heptachlor epoxide	63.2	60	"	80.0		79	70-120			
Methoxychlor	269	120	"	320		84	65-125			
<i>Surrogate: Tetrachloro-m-xylene</i>	147		"	200		74	35-140			
<i>Surrogate: Decachlorobiphenyl</i>	341		"	400		85	30-150			

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A24027 - EPA 3580A / EPA 8081A

Matrix Spike (8A24027-MS1)

Source: MQK0262-01RE1

Prepared & Analyzed: 01/25/08

Aldrin	77.7	60	ug/kg	80.0	ND	97	55-120			
alpha-BHC	81.4	20	"	80.0	ND	102	55-120			
beta-BHC	56.9	20	"	80.0	ND	71	45-120			
delta-BHC	79.2	20	"	80.0	ND	99	35-150			
gamma-BHC (Lindane)	71.3	20	"	80.0	ND	89	40-120			
4,4'-DDD	1420	120	"	480	ND	296	45-120			M1
4,4'-DDE	416	120	"	160	ND	260	10-150			M1
4,4'-DDT	652	360	"	480	ND	136	35-150			
Dieldrin	158	120	"	160	ND	99	35-125			
Endosulfan I	149	120	"	160	ND	93	10-135			
Endosulfan II	147	120	"	160	ND	92	10-130			
Endosulfan sulfate	405	360	"	480	ND	84	15-150			
Endrin	150	120	"	160	ND	94	40-135			
Endrin aldehyde	262	120	"	480	ND	55	10-150			
Endrin ketone	421	360	"	480	ND	88	25-135			
Heptachlor	73.5	60	"	80.0	ND	92	50-120			
Heptachlor epoxide	74.2	60	"	80.0	ND	93	50-120			
Methoxychlor	352	120	"	320	ND	110	25-150			
Surrogate: Tetrachloro-m-xylene	152		"	200		76	35-140			
Surrogate: Decachlorobiphenyl	357		"	400		89	30-150			

Matrix Spike Dup (8A24027-MSD1)

Source: MQK0262-01RE1

Prepared & Analyzed: 01/25/08

Aldrin	76.2	60	ug/kg	80.0	ND	95	55-120	2	35	
alpha-BHC	79.6	60	"	80.0	ND	99	55-120	2	35	
beta-BHC	55.7	20	"	80.0	ND	70	45-120	2	35	
delta-BHC	77.9	20	"	80.0	ND	97	35-150	2	35	
gamma-BHC (Lindane)	70.0	20	"	80.0	ND	87	40-120	2	35	
4,4'-DDD	1430	120	"	480	ND	297	45-120	0.6	35	M1
4,4'-DDE	409	120	"	160	ND	256	10-150	2	35	M1
4,4'-DDT	659	360	"	480	ND	137	35-150	1	35	
Dieldrin	161	120	"	160	ND	100	35-125	2	35	
Endosulfan I	146	120	"	160	ND	91	10-135	2	35	
Endosulfan II	149	120	"	160	ND	93	10-130	2	35	
Endosulfan sulfate	399	360	"	480	ND	83	15-150	2	35	
Endrin	148	120	"	160	ND	93	40-135	0.9	35	
Endrin aldehyde	257	120	"	480	ND	54	10-150	2	35	

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8A24027 - EPA 3580A / EPA 8081A

Matrix Spike Dup (8A24027-MSD1)

Source: MQK0262-01RE1

Prepared & Analyzed: 01/25/08

Endrin ketone	420	360	ug/kg	480	ND	87	25-135	0.3	35	
Heptachlor	72.3	60	"	80.0	ND	90	50-120	2	35	
Heptachlor epoxide	75.8	60	"	80.0	ND	95	50-120	2	35	
Methoxychlor	350	120	"	320	ND	109	25-150	0.8	35	
Surrogate: Tetrachloro-m-xylene	150		"	200		75	35-140			
Surrogate: Decachlorobiphenyl	348		"	400		87	30-150			

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Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082 - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20033 - EPA 3580A / EPA 8082

Blank (7K20033-BLK1)

Prepared: 11/20/07 Analyzed: 11/21/07

PCB-1016	ND	20	ug/kg							
PCB-1221	ND	20	"							
PCB-1232	ND	20	"							
PCB-1242	ND	20	"							
PCB-1248	ND	20	"							
PCB-1254	ND	20	"							
PCB-1260	ND	20	"							
Surrogate: Tetrachloro-m-xylene	193		"	200		97	15-120			
Surrogate: Decachlorobiphenyl	412		"	400		103	20-140			

Laboratory Control Sample (7K20033-BS1)

Prepared: 11/20/07 Analyzed: 11/21/07

PCB-1260	1030	20	ug/kg	1000		103	65-120			
Surrogate: Tetrachloro-m-xylene	145		"	200		72	15-120			
Surrogate: Decachlorobiphenyl	375		"	400		94	20-140			

Matrix Spike (7K20033-MS1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

PCB-1260	1180	20	ug/kg	1000	ND	118	40-150			
Surrogate: Tetrachloro-m-xylene	144		"	200		72	15-120			
Surrogate: Decachlorobiphenyl	360		"	400		90	20-140			

Matrix Spike Dup (7K20033-MSD1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

PCB-1260	1240	20	ug/kg	1000	ND	124	40-150	5	40	
Surrogate: Tetrachloro-m-xylene	147		"	200		73	15-120			
Surrogate: Decachlorobiphenyl	418		"	400		105	20-140			

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Blank (7K14025-BLK1)

Prepared: 11/14/07 Analyzed: 11/15/07

Benzene	ND	5.0	ug/kg							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							
2-Chlorotoluene	ND	5.0	"							
4-Chlorotoluene	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Isopropylbenzene	ND	5.0	"							

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
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01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Blank (7K14025-BLK1)

Prepared: 11/14/07 Analyzed: 11/15/07

Methylene chloride	ND	5.0	ug/kg							
Naphthalene	ND	5.0	"							
p-Isopropyltoluene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
Toluene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	5.0	"							
Xylenes (total)	ND	5.0	"							
<i>Surrogate: Dibromofluoromethane</i>	5.00		"	5.00		100	50-135			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.50		"	5.00		110	65-135			
<i>Surrogate: Toluene-d8</i>	5.16		"	5.00		103	70-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.12		"	5.00		102	60-125			

Laboratory Control Sample (7K14025-BS1)

Prepared & Analyzed: 11/14/07

Benzene	21.2	5.0	ug/kg	20.0		106	75-125			
Bromobenzene	20.8	5.0	"	20.0		104	80-125			
Bromochloromethane	21.9	5.0	"	20.0		110	75-130			
Bromodichloromethane	25.1	5.0	"	20.0		125	80-135			
Bromoform	20.4	5.0	"	20.0		102	60-125			
Bromomethane	20.9	5.0	"	20.0		104	65-125			
sec-Butylbenzene	19.7	5.0	"	20.0		99	70-130			
tert-Butylbenzene	20.0	5.0	"	20.0		100	75-130			
n-Butylbenzene	21.8	5.0	"	20.0		109	70-135			
Carbon tetrachloride	23.7	5.0	"	20.0		118	70-135			

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Amended Report

City of San Leandro
3000 Davis Street
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Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (7K14025-BS1)

Prepared & Analyzed: 11/14/07

Chlorobenzene	21.2	5.0	ug/kg	20.0		106	80-125			
Chloroethane	20.7	5.0	"	20.0		104	65-130			
Chloroform	22.2	5.0	"	20.0		111	80-120			
Chloromethane	21.2	5.0	"	20.0		106	50-150			
2-Chlorotoluene	19.7	5.0	"	20.0		98	75-135			
4-Chlorotoluene	20.4	5.0	"	20.0		102	80-130			
1,2-Dibromo-3-chloropropane	20.0	5.0	"	20.0		100	60-135			
Dibromochloromethane	25.4	5.0	"	20.0		127	65-130			
1,2-Dibromoethane (EDB)	24.0	5.0	"	20.0		120	75-140			
Dibromomethane	23.7	5.0	"	20.0		118	80-130			
1,2-Dichlorobenzene	21.1	5.0	"	20.0		106	80-125			
1,3-Dichlorobenzene	21.2	5.0	"	20.0		106	80-130			
1,4-Dichlorobenzene	21.1	5.0	"	20.0		106	80-120			
Dichlorodifluoromethane	23.6	5.0	"	20.0		118	35-150			
1,1-Dichloroethane	21.5	5.0	"	20.0		107	80-125			
1,2-Dichloroethane	23.9	5.0	"	20.0		119	70-135			
1,1-Dichloroethene	20.6	5.0	"	20.0		103	80-125			
cis-1,2-Dichloroethene	22.3	5.0	"	20.0		111	80-125			
trans-1,2-Dichloroethene	20.7	5.0	"	20.0		103	80-120			
1,2-Dichloropropane	22.7	5.0	"	20.0		113	80-125			
1,3-Dichloropropane	24.2	5.0	"	20.0		121	80-135			
2,2-Dichloropropane	23.8	5.0	"	20.0		119	70-145			
1,1-Dichloropropene	22.8	5.0	"	20.0		114	80-130			
Ethylbenzene	21.4	5.0	"	20.0		107	75-130			
Hexachlorobutadiene	21.8	5.0	"	20.0		109	40-125			
Isopropylbenzene	19.4	5.0	"	20.0		97	70-120			
Methylene chloride	21.7	5.0	"	20.0		108	80-145			
Naphthalene	22.3	5.0	"	20.0		112	55-140			
p-Isopropyltoluene	20.9	5.0	"	20.0		105	70-130			
n-Propylbenzene	19.5	5.0	"	20.0		97	75-130			
Styrene	23.1	5.0	"	20.0		116	75-135			
1,1,1,2-Tetrachloroethane	23.4	5.0	"	20.0		117	75-135			
1,1,2,2-Tetrachloroethane	20.2	5.0	"	20.0		101	75-130			
Tetrachloroethene	23.7	5.0	"	20.0		118	80-135			
Toluene	22.1	5.0	"	20.0		111	75-135			
1,2,3-Trichlorobenzene	23.1	5.0	"	20.0		115	55-135			

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (7K14025-BS1)

Prepared & Analyzed: 11/14/07

1,2,4-Trichlorobenzene	23.7	5.0	ug/kg	20.0		119	60-135			
1,1,1-Trichloroethane	22.8	5.0	"	20.0		114	75-125			
1,1,2-Trichloroethane	23.9	5.0	"	20.0		120	75-140			
Trichloroethene	23.3	5.0	"	20.0		116	80-130			
Trichlorofluoromethane	22.3	5.0	"	20.0		112	75-130			
1,2,3-Trichloropropane	19.4	5.0	"	20.0		97	75-125			
1,2,4-Trimethylbenzene	21.2	5.0	"	20.0		106	75-135			
1,3,5-Trimethylbenzene	20.5	5.0	"	20.0		102	75-135			
Vinyl chloride	21.4	5.0	"	20.0		107	10-120			
Xylenes (total)	65.0	5.0	"	60.0		108	75-135			
<i>Surrogate: Dibromofluoromethane</i>	5.28		"	5.00		106	50-135			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.46		"	5.00		109	65-135			
<i>Surrogate: Toluene-d8</i>	5.24		"	5.00		105	70-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.24		"	5.00		105	60-125			

Matrix Spike (7K14025-MS1)

Source: MQK0406-14

Prepared: 11/14/07 Analyzed: 11/15/07

Benzene	21.4	5.0	ug/kg	20.0	ND	107	65-145			
Bromobenzene	21.5	5.0	"	20.0	ND	108	75-145			
Bromochloromethane	21.8	5.0	"	20.0	ND	109	70-140			
Bromodichloromethane	25.0	5.0	"	20.0	ND	125	70-140			
Bromoform	19.3	5.0	"	20.0	ND	96	55-125			
Bromomethane	20.9	5.0	"	20.0	ND	105	60-135			
sec-Butylbenzene	21.1	5.0	"	20.0	ND	106	65-150			
tert-Butylbenzene	21.3	5.0	"	20.0	ND	106	70-150			
n-Butylbenzene	22.9	5.0	"	20.0	ND	115	65-150			
Carbon tetrachloride	24.1	5.0	"	20.0	ND	121	65-130			
Chlorobenzene	21.7	5.0	"	20.0	ND	109	75-135			
Chloroethane	21.2	5.0	"	20.0	ND	106	60-145			
Chloroform	22.9	5.0	"	20.0	ND	114	70-135			
Chloromethane	21.0	5.0	"	20.0	ND	105	45-150			
2-Chlorotoluene	20.8	5.0	"	20.0	ND	104	70-150			
4-Chlorotoluene	21.3	5.0	"	20.0	ND	106	65-150			
1,2-Dibromo-3-chloropropane	18.6	5.0	"	20.0	ND	93	50-150			
Dibromochloromethane	24.4	5.0	"	20.0	ND	122	70-120			M7
1,2-Dibromoethane (EDB)	22.1	5.0	"	20.0	ND	110	60-150			
Dibromomethane	22.1	5.0	"	20.0	ND	111	70-135			

TestAmerica Morgan Hill

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K14025-MS1)

Source: MQK0406-14

Prepared: 11/14/07 Analyzed: 11/15/07

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichlorobenzene	21.7	5.0	ug/kg	20.0	ND	109	70-135			
1,3-Dichlorobenzene	21.8	5.0	"	20.0	ND	109	80-135			
1,4-Dichlorobenzene	21.6	5.0	"	20.0	ND	108	75-130			
Dichlorodifluoromethane	26.7	5.0	"	20.0	ND	133	40-150			
1,1-Dichloroethane	21.8	5.0	"	20.0	ND	109	70-135			
1,2-Dichloroethane	22.9	5.0	"	20.0	ND	114	60-140			
1,1-Dichloroethene	20.9	5.0	"	20.0	ND	104	75-135			
cis-1,2-Dichloroethene	22.3	5.0	"	20.0	ND	112	75-140			
trans-1,2-Dichloroethene	21.6	5.0	"	20.0	ND	108	75-130			
1,2-Dichloropropane	22.4	5.0	"	20.0	ND	112	70-145			
1,3-Dichloropropane	22.8	5.0	"	20.0	ND	114	65-145			
2,2-Dichloropropane	22.9	5.0	"	20.0	ND	114	60-150			
1,1-Dichloropropene	23.3	5.0	"	20.0	ND	116	70-145			
Ethylbenzene	22.0	5.0	"	20.0	ND	110	75-140			
Hexachlorobutadiene	23.9	5.0	"	20.0	ND	119	45-150			
Isopropylbenzene	20.2	5.0	"	20.0	ND	101	60-140			
Methylene chloride	21.6	5.0	"	20.0	ND	108	70-150			
Naphthalene	20.6	5.0	"	20.0	0.460	100	30-150			
p-Isopropyltoluene	22.4	5.0	"	20.0	ND	112	70-150			
n-Propylbenzene	20.8	5.0	"	20.0	ND	104	65-150			
Styrene	23.2	5.0	"	20.0	ND	116	65-145			
1,1,1,2-Tetrachloroethane	23.7	5.0	"	20.0	ND	118	75-135			
1,1,2,2-Tetrachloroethane	19.0	5.0	"	20.0	ND	95	60-150			
Tetrachloroethene	24.1	5.0	"	20.0	ND	120	65-145			
Toluene	21.9	5.0	"	20.0	ND	110	65-140			
1,2,3-Trichlorobenzene	22.3	5.0	"	20.0	ND	112	25-150			
1,2,4-Trichlorobenzene	23.5	5.0	"	20.0	ND	117	35-150			
1,1,1-Trichloroethane	23.5	5.0	"	20.0	ND	117	70-135			
1,1,2-Trichloroethane	22.5	5.0	"	20.0	ND	113	65-150			
Trichloroethene	23.3	5.0	"	20.0	ND	116	80-140			
Trichlorofluoromethane	22.9	5.0	"	20.0	ND	114	70-140			
1,2,3-Trichloropropane	18.1	5.0	"	20.0	ND	90	55-150			
1,2,4-Trimethylbenzene	22.2	5.0	"	20.0	ND	111	75-150			
1,3,5-Trimethylbenzene	21.8	5.0	"	20.0	ND	109	75-150			
Vinyl chloride	21.5	5.0	"	20.0	ND	107	10-120			
Xylenes (total)	66.2	5.0	"	60.0	ND	110	70-145			

TestAmerica Morgan Hill

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Amended Report

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3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K14025-MS1)

Source: MQK0406-14

Prepared: 11/14/07 Analyzed: 11/15/07

Surrogate: Dibromofluoromethane	5.22		ug/kg	5.00		104	50-135			
Surrogate: 1,2-Dichloroethane-d4	5.32		"	5.00		106	65-135			
Surrogate: Toluene-d8	5.28		"	5.00		106	70-120			
Surrogate: 4-Bromofluorobenzene	5.28		"	5.00		106	60-125			

Matrix Spike Dup (7K14025-MSD1)

Source: MQK0406-14

Prepared: 11/14/07 Analyzed: 11/15/07

Benzene	19.3	5.0	ug/kg	20.0	ND	97	65-145	10	25	
Bromobenzene	19.1	5.0	"	20.0	ND	95	75-145	12	35	
Bromochloromethane	20.1	5.0	"	20.0	ND	100	70-140	8	20	
Bromodichloromethane	22.2	5.0	"	20.0	ND	111	70-140	12	20	
Bromoform	18.0	5.0	"	20.0	ND	90	55-125	7	40	
Bromomethane	18.5	5.0	"	20.0	ND	92	60-135	12	50	
sec-Butylbenzene	18.8	5.0	"	20.0	ND	94	65-150	11	30	
tert-Butylbenzene	19.0	5.0	"	20.0	ND	95	70-150	11	35	
n-Butylbenzene	20.4	5.0	"	20.0	ND	102	65-150	12	25	
Carbon tetrachloride	21.3	5.0	"	20.0	ND	106	65-130	13	30	
Chlorobenzene	19.5	5.0	"	20.0	ND	98	75-135	11	30	
Chloroethane	18.9	5.0	"	20.0	ND	94	60-145	12	40	
Chloroform	20.3	5.0	"	20.0	ND	102	70-135	12	20	
Chloromethane	19.2	5.0	"	20.0	ND	96	45-150	9	35	
2-Chlorotoluene	18.5	5.0	"	20.0	ND	93	70-150	12	30	
4-Chlorotoluene	18.8	5.0	"	20.0	ND	94	65-150	12	25	
1,2-Dibromo-3-chloropropane	16.5	5.0	"	20.0	ND	82	50-150	12	40	
Dibromochloromethane	22.3	5.0	"	20.0	ND	112	70-120	9	35	
1,2-Dibromoethane (EDB)	20.8	5.0	"	20.0	ND	104	60-150	6	30	
Dibromomethane	20.7	5.0	"	20.0	ND	104	70-135	7	20	
1,2-Dichlorobenzene	19.3	5.0	"	20.0	ND	96	70-135	12	35	
1,3-Dichlorobenzene	19.5	5.0	"	20.0	ND	97	80-135	11	30	
1,4-Dichlorobenzene	19.2	5.0	"	20.0	ND	96	75-130	12	30	
Dichlorodifluoromethane	23.8	5.0	"	20.0	ND	119	40-150	12	40	
1,1-Dichloroethane	19.2	5.0	"	20.0	ND	96	70-135	13	25	
1,2-Dichloroethane	21.0	5.0	"	20.0	ND	105	60-140	9	25	
1,1-Dichloroethene	18.7	5.0	"	20.0	ND	94	75-135	11	30	
cis-1,2-Dichloroethene	20.4	5.0	"	20.0	ND	102	75-140	9	20	
trans-1,2-Dichloroethene	18.8	5.0	"	20.0	ND	94	75-130	14	25	
1,2-Dichloropropane	20.3	5.0	"	20.0	ND	102	70-145	10	20	

TestAmerica Morgan Hill

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K14025 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (7K14025-MSD1)

Source: MQK0406-14

Prepared: 11/14/07 Analyzed: 11/15/07

1,3-Dichloropropane	21.1	5.0	ug/kg	20.0	ND	106	65-145	8	20	
2,2-Dichloropropane	20.4	5.0	"	20.0	ND	102	60-150	12	35	
1,1-Dichloropropene	21.2	5.0	"	20.0	ND	106	70-145	10	25	
Ethylbenzene	19.8	5.0	"	20.0	ND	99	75-140	10	30	
Hexachlorobutadiene	21.3	5.0	"	20.0	ND	106	45-150	11	30	
Isopropylbenzene	18.1	5.0	"	20.0	ND	90	60-140	11	30	
Methylene chloride	19.1	5.0	"	20.0	ND	95	70-150	12	20	
Naphthalene	19.5	5.0	"	20.0	0.460	95	30-150	5	40	
p-Isopropyltoluene	19.9	5.0	"	20.0	ND	99	70-150	12	30	
n-Propylbenzene	18.4	5.0	"	20.0	ND	92	65-150	12	30	
Styrene	20.8	5.0	"	20.0	ND	104	65-145	11	30	
1,1,1,2-Tetrachloroethane	21.4	5.0	"	20.0	ND	107	75-135	10	25	
1,1,1,2-Tetrachloroethane	18.0	5.0	"	20.0	ND	90	60-150	5	30	
Tetrachloroethene	21.7	5.0	"	20.0	ND	108	65-145	10	25	
Toluene	20.1	5.0	"	20.0	ND	100	65-140	9	25	
1,2,3-Trichlorobenzene	20.2	5.0	"	20.0	ND	101	25-150	10	25	
1,2,4-Trichlorobenzene	21.3	5.0	"	20.0	ND	107	35-150	10	25	
1,1,1-Trichloroethane	20.8	5.0	"	20.0	ND	104	70-135	12	25	
1,1,2-Trichloroethane	20.8	5.0	"	20.0	ND	104	65-150	8	25	
Trichloroethene	21.2	5.0	"	20.0	ND	106	80-140	10	30	
Trichlorofluoromethane	20.5	5.0	"	20.0	ND	102	70-140	11	40	
1,2,3-Trichloropropane	17.6	5.0	"	20.0	ND	88	55-150	3	35	
1,2,4-Trimethylbenzene	19.8	5.0	"	20.0	ND	99	75-150	11	30	
1,3,5-Trimethylbenzene	19.4	5.0	"	20.0	ND	97	75-150	12	30	
Vinyl chloride	19.3	5.0	"	20.0	ND	96	10-120	11	40	
Xylenes (total)	59.0	5.0	"	60.0	ND	98	70-145	11	30	
Surrogate: Dibromofluoromethane	5.16		"	5.00		103	50-135			
Surrogate: 1,2-Dichloroethane-d4	5.34		"	5.00		107	65-135			
Surrogate: Toluene-d8	5.20		"	5.00		104	70-120			
Surrogate: 4-Bromofluorobenzene	5.28		"	5.00		106	60-125			

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20030 - EPA 3580A (Dilution) / EPA 8270C

Blank (7K20030-BLK1)

Prepared: 11/20/07 Analyzed: 11/21/07

Acenaphthene	ND	15	mg/kg							
Acenaphthylene	ND	15	"							
Anthracene	ND	15	"							
Benzo (a) anthracene	ND	15	"							
Benzo (a) pyrene	ND	15	"							
Benzo (b) fluoranthene	ND	15	"							
Benzo (g,h,i) perylene	ND	15	"							
Benzo (k) fluoranthene	ND	15	"							
Benzoic acid	ND	30	"							
Benzyl alcohol	ND	15	"							
Bis(2-chloroethoxy)methane	ND	15	"							
Bis(2-chloroethyl)ether	ND	15	"							
Bis(2-chloroisopropyl)ether	ND	15	"							
Bis(2-ethylhexyl)phthalate	ND	30	"							
4-Bromophenyl phenyl ether	ND	15	"							
Butyl benzyl phthalate	ND	15	"							
4-Chloroaniline	ND	30	"							
2-Chloronaphthalene	ND	15	"							
4-Chloro-3-methylphenol	ND	15	"							
2-Chlorophenol	ND	15	"							
4-Chlorophenyl phenyl ether	ND	15	"							
Chrysene	ND	15	"							
Dibenz (a,h) anthracene	ND	15	"							
Dibenzofuran	ND	15	"							
Di-n-butyl phthalate	ND	30	"							
1,2-Dichlorobenzene	ND	15	"							
1,3-Dichlorobenzene	ND	15	"							
1,4-Dichlorobenzene	ND	15	"							
3,3'-Dichlorobenzidine	ND	30	"							
2,4-Dichlorophenol	ND	15	"							
Diethyl phthalate	ND	15	"							
2,4-Dimethylphenol	ND	15	"							
Dimethyl phthalate	ND	15	"							
4,6-Dinitro-2-methylphenol	ND	30	"							
2,4-Dinitrophenol	ND	30	"							
2,4-Dinitrotoluene	ND	15	"							

TestAmerica Morgan Hill

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20030 - EPA 3580A (Dilution) / EPA 8270C

Blank (7K20030-BLK1)

Prepared: 11/20/07 Analyzed: 11/21/07

2,6-Dinitrotoluene	ND	15	mg/kg							
Di-n-octyl phthalate	ND	30	"							
Fluoranthene	ND	15	"							
Fluorene	ND	15	"							
Hexachlorobenzene	ND	15	"							
Hexachlorobutadiene	ND	15	"							
Hexachlorocyclopentadiene	ND	30	"							
Hexachloroethane	ND	15	"							
Indeno (1,2,3-cd) pyrene	ND	15	"							
Isophorone	ND	15	"							
2-Methylnaphthalene	ND	15	"							
2-Methylphenol	ND	15	"							
3 & 4-Methylphenol	ND	15	"							
Naphthalene	ND	15	"							
2-Nitroaniline	ND	30	"							
3-Nitroaniline	ND	30	"							
4-Nitroaniline	ND	30	"							
Nitrobenzene	ND	15	"							
2-Nitrophenol	ND	15	"							
4-Nitrophenol	ND	30	"							
N-Nitrosodi-n-propylamine	ND	15	"							
N-Nitrosodiphenylamine	ND	15	"							
Pentachlorophenol	ND	30	"							
Phenanthrene	ND	15	"							
Phenol	ND	15	"							
Pyrene	ND	15	"							
1,2,4-Trichlorobenzene	ND	15	"							
2,4,5-Trichlorophenol	ND	30	"							
2,4,6-Trichlorophenol	ND	15	"							
Surrogate: 2-Fluorophenol	94.6		"	100		95	35-120			
Surrogate: Phenol-d6	96.4		"	100		96	35-120			
Surrogate: Nitrobenzene-d5	103		"	100		103	45-120			
Surrogate: 2-Fluorobiphenyl	99.9		"	100		100	40-120			
Surrogate: 2,4,6-Tribromophenol	98.3		"	100		98	25-120			
Surrogate: p Terphenyl d14	96.1		"	100		96	30-125			

TestAmerica Morgan Hill

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20030 - EPA 3580A (Dilution) / EPA 8270C

Laboratory Control Sample (7K20030-BS1)

Prepared: 11/20/07 Analyzed: 11/21/07

Acenaphthene	93.6	15	mg/kg	100	94	94	65-120			
4-Chloro-3-methylphenol	102	15	"	100	102	102	60-120			
2-Chlorophenol	98.3	15	"	100	98	98	60-120			
1,4-Dichlorobenzene	95.8	15	"	100	96	96	60-120			
2,4-Dinitrotoluene	106	15	"	100	106	106	55-120			
4-Nitrophenol	89.1	30	"	100	89	89	55-120			
N-Nitrosodi-n-propylamine	94.6	15	"	100	95	95	60-120			
Pentachlorophenol	79.3	30	"	100	79	79	50-120			
Phenol	93.8	15	"	100	94	94	60-120			
Pyrene	91.6	15	"	100	92	92	60-120			
1,2,4-Trichlorobenzene	103	15	"	100	103	103	60-120			
Surrogate: 2-Fluorophenol	103		"	100	103	103	35-120			
Surrogate: Phenol-d6	99.9		"	100	100	100	35-120			
Surrogate: Nitrobenzene-d5	109		"	100	109	109	45-120			
Surrogate: 2-Fluorobiphenyl	102		"	100	102	102	40-120			
Surrogate: 2,4,6-Tribromophenol	109		"	100	109	109	25-120			
Surrogate: p-Terphenyl-d14	97.6		"	100	98	98	30-125			

Matrix Spike (7K20030-MS1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

Acenaphthene	96.4	75	mg/kg	100	ND	96	40-120			
4-Chloro-3-methylphenol	83.0	75	"	100	ND	83	40-120			
2-Chlorophenol	87.2	75	"	100	ND	87	40-120			
1,4-Dichlorobenzene	95.0	75	"	100	ND	95	40-120			
2,4-Dinitrotoluene	95.8	75	"	100	ND	96	35-120			
4-Nitrophenol	ND	150	"	100	ND		40-120			M8
N-Nitrosodi-n-propylamine	93.2	75	"	100	ND	93	45-120			
Pentachlorophenol	ND	150	"	100	ND		35-120			M8
Phenol	84.4	75	"	100	ND	84	40-120			
Pyrene	90.2	75	"	100	ND	90	40-120			
1,2,4-Trichlorobenzene	94.4	75	"	100	ND	94	40-120			
Surrogate: 2-Fluorophenol	84.1		"	100	84	84	35-120			
Surrogate: Phenol-d6	83.5		"	100	84	84	35-120			
Surrogate: Nitrobenzene-d5	106		"	100	106	106	45-120			
Surrogate: 2-Fluorobiphenyl	103		"	100	103	103	40-120			
Surrogate: 2,4,6-Tribromophenol	87.5		"	100	88	88	25-120			
Surrogate: p-Terphenyl-d14	94.2		"	100	94	94	30-125			

TestAmerica Morgan Hill

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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K20030 - EPA 3580A (Dilution) / EPA 8270C

Matrix Spike Dup (7K20030-MSD1)

Source: MQK0262-01

Prepared: 11/20/07 Analyzed: 11/21/07

Acenaphthene	96.8	75	mg/kg	100	ND	97	40-120	0.4	40	
4-Chloro-3-methylphenol	85.5	75	"	100	ND	86	40-120	3	40	
2-Chlorophenol	86.3	75	"	100	ND	86	40-120	1	40	
1,4-Dichlorobenzene	94.2	75	"	100	ND	94	40-120	0.8	40	
2,4-Dinitrotoluene	93.7	75	"	100	ND	94	35-120	2	40	
4-Nitrophenol	ND	150	"	100	ND		40-120		40	M8
N-Nitrosodi-n-propylamine	93.9	75	"	100	ND	94	45-120	0.7	40	
Pentachlorophenol	ND	150	"	100	ND		35-120		40	M8
Phenol	83.7	75	"	100	ND	84	40-120	0.8	40	
Pyrene	89.7	75	"	100	ND	90	40-120	0.6	40	
1,2,4-Trichlorobenzene	95.1	75	"	100	ND	95	40-120	0.7	40	
Surrogate: 2-Fluorophenol	84.7		"	100		85	35-120			
Surrogate: Phenol-d6	84.4		"	100		84	35-120			
Surrogate: Nitrobenzene-d5	108		"	100		108	45-120			
Surrogate: 2-Fluorobiphenyl	104		"	100		104	40-120			
Surrogate: 2,4,6-Tribromophenol	91.1		"	100		91	25-120			
Surrogate: p-Terphenyl-d14	95.2		"	100		95	30-125			

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K16020 - General Preparation / EPA 420.1

Blank (7K16020-BLK1)

Prepared & Analyzed: 11/16/07

Phenol	ND	5.0	mg/kg							
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Laboratory Control Sample (7K16020-BS1)

Prepared & Analyzed: 11/16/07

Phenol	61.4	5.0	mg/kg	60.0	102	99	55-140			
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Matrix Spike (7K16020-MS1)

Source: MQK0262-01

Prepared & Analyzed: 11/16/07

Phenol	61.8	5.0	mg/kg	60.0	2.60	99	55-140			
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Matrix Spike Dup (7K16020-MSD1)

Source: MQK0262-01

Prepared & Analyzed: 11/16/07

Phenol	54.7	5.0	mg/kg	60.0	2.60	87	55-140	12	20	
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Batch 7K08001 - General Preparation / SM2540G

Blank (7K08001-BLK1)

Prepared: 11/07/07 Analyzed: 11/08/07

Total Solids	ND	1.0	%							
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Duplicate (7K08001-DUP1)

Source: MQK0204-01

Prepared: 11/07/07 Analyzed: 11/08/07

Total Solids	13.2	1.0	%		13.6			3	20	
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Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Anions by EPA Method 300.0 - Quality Control
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7K09017 - General Preparation / EPA 300.0

Blank (7K09017-BLK1)

Prepared & Analyzed: 11/07/07

Nitrate as N ND 1.0 mg/kg

Laboratory Control Sample (7K09017-BS1)

Prepared & Analyzed: 11/07/07

Nitrate as N 23.4 1.0 mg/kg 22.6 103 90-110

Matrix Spike (7K09017 MS1)

Source: MQK0288-01

Prepared & Analyzed: 11/07/07

Nitrate as N 436 100 mg/kg 22.6 416 86 80-120

Matrix Spike Dup (7K09017-MSD1)

Source: MQK0288-01

Prepared & Analyzed: 11/07/07

Nitrate as N 434 100 mg/kg 22.6 416 81 80-120 0.3 20

Batch 7L03016 - General Preparation / EPA 300.0

Blank (7L03016-BLK1)

Prepared & Analyzed: 12/03/07

Fluoride ND 2.0 mg/kg

Laboratory Control Sample (7L03016-BS1)

Prepared & Analyzed: 12/03/07

Fluoride 25.9 2.0 mg/kg 25.0 104 90-110

Matrix Spike (7L03016-MS1)

Source: MQK0262-01

Prepared & Analyzed: 12/03/07

Fluoride 18.7 2.0 mg/kg 25.0 1.65 68 80-120 M8

Matrix Spike Dup (7L03016-MSD1)

Source: MQK0262-01

Prepared & Analyzed: 12/03/07

Fluoride 22.6 2.0 mg/kg 25.0 1.65 84 80-120 19 20

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Chlorinated Herbicides per EPA Method 8151A Modified - Quality Control

TestAmerica Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7110431 - ASE 200 / 8151mod

Blank (7110431-BLK1)

Prepared: 11/13/07 Analyzed: 11/19/07

2,4-D	ND	20.0	ug/kg wet							
2,4-DB	ND	20.0	"							C
2,4,5-T	ND	20.0	"							
2,4,5-TP (Silvex)	ND	20.0	"							
Dalapon	ND	20.0	"							
Dicamba	ND	20.0	"							
Dichlorprop	ND	20.0	"							
Dinoseb	ND	20.0	"							C
MCPA	ND	2000	"							
MCPD	ND	2000	"							
<i>Surrogate: 2,4-Dichlorophenylacetic acid</i>	70.6		"	66.7		106	30-140			

Laboratory Control Sample (7110431-BS1)

Prepared: 11/13/07 Analyzed: 11/19/07

2,4-D	137	20.0	ug/kg wet	100		137	30-120			L1
2,4-DB	174	20.0	"	100		174	30-130			L, C8
2,4,5-T	108	20.0	"	100		108	25-125			
2,4,5-TP (Silvex)	113	20.0	"	100		113	35-100			L
Dalapon	96.2	20.0	"	100		96.2	20-110			
Dicamba	121	20.0	"	100		121	30-115			L
Dichlorprop	99.6	20.0	"	100		99.6	50-100			
Dinoseb	82.0	20.0	"	100		82.0	10-130			C8
MCPA	11800	2000	"	10000		118	30-105			L
MCPD	8060	2000	"	10000		80.6	15-115			
<i>Surrogate: 2,4-Dichlorophenylacetic acid</i>	72.4		"	66.7		109	45-125			

Matrix Spike (7110431-MS1)

Source: PQK0350-03

Prepared: 11/13/07 Analyzed: 11/19/07

2,4-D	322	29.1	ug/kg dry	146	ND	222	15-110			M7
2,4-DB	426	29.1	"	146	ND	293	10-135			C8
2,4,5-T	226	29.1	"	146	ND	155	15-120			M7
2,4,5-TP (Silvex)	144	29.1	"	146	ND	98.8	20-105			
Dalapon	149	29.1	"	146	ND	103	15-105			
Dicamba	53.6	29.1	"	146	ND	36.8	15-105			
Dichlorprop	215	29.1	"	146	ND	148	25-105			M7
Dinoseb	288	29.1	"	146	ND	198	15-125			M7
MCPA	37300	2910	"	14600	ND	256	15-105			M7
MCPD	45700	2910	"	14600	ND	314	15-110			M7

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Chlorinated Herbicides per EPA Method 8151A Modified - Quality Control

TestAmerica Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7110431 - ASE 200 / 8151mod

Matrix Spike (7110431-MS1)		Source: PQK0350-03		Prepared: 11/13/07		Analyzed: 11/19/07				
<i>Surrogate: 2,4-Dichlorophenylacetic acid</i>		151	ug/kg dry	97.0		156	20-125			ZX
Matrix Spike Dup (7110431-MSD1)		Source: PQK0350-03		Prepared: 11/13/07		Analyzed: 11/19/07				
2,4-D	147	29.1	ug/kg dry	145	ND	101	15-110	74.8	30	M7
2,4-DB	473	29.1	"	145	ND	325	10-135	10.4	40	C8
2,4,5-T	216	29.1	"	145	ND	148	15-120	4.59	40	M7
2,4,5-TP (Silvex)	129	29.1	"	145	ND	89.0	20-105	10.6	40	
Dalapon	154	29.1	"	145	ND	106	15-105	3.34	40	M7
Dicamba	275	29.1	"	145	ND	189	15-105	135	40	M7
Dichlorprop	338	29.1	"	145	ND	233	25-105	44.5	40	M7
Dinoseb	330	29.1	"	145	ND	227	15-125	13.7	40	M7
MCPA	49600	2910	"	14500	ND	342	15-105	28.3	40	M7
MCPP	59100	2910	"	14500	ND	406	15-110	25.5	40	M7
<i>Surrogate: 2,4-Dichlorophenylacetic acid</i>		194	"	96.8		200	20-125			ZX

Amended Report

City of San Leandro
3000 Davis Street
San Leandro CA, 94577

Project: WPCP
Project Number: San Leandro
Project Manager: Shahed Abbasi

MQK0262
Reported:
01/30/08 16:35

Notes and Definitions

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

C8 Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.

H8 The sample was extracted past the holding time.

I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

C Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

MNR No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.

RL1 Reporting limit raised due to sample matrix effects.

Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference