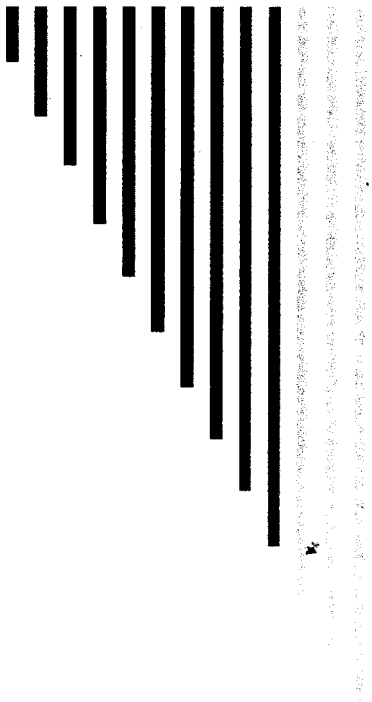

Southlake Utilities, Inc.

Florida Public Service Commission
Docket No. 080597-WS

Application to Increase Rates and Charges
For a "Class B" Utility
in
Lake County, Florida

December 2008

Guastella Associates, Inc.

6 Beacon Street. Suite 410. Boston. MA 02108
www.guastella.com
610.423.3030

Southlake Utilities, Inc.

Docket No. 080597-WS

Application to Increase Rates and Charges
For a "Class B" Utility
In
Lake County Florida

VOLUME III

Containing

Engineering Information

GUASTELLA ASSOCIATES, INC.

Southlake Utilities, Inc.

Docket No. 080597-WS

Engineering Information

Contents

Volume 3A

LEASE

(Commercial Space)

THIS LEASE, made this1st day of May , 2002, by and between **CAGAN CROSSINGS, LTD.,** or its nominee, a Florida limited partnership with its principal office at 16554 Crossings Boulevard, Suite 4, Clermont, Florida 34711 or its affiliated designee (hereinafter referred to as "Lessor"), and Southlake Utilities, Inc., or its nominee with its principal office at 16554 Crossings Blvd Suite 2, Clermont, FL 34711, as "Lessee").

WITNESSETH:

Lessor hereby leases to Lessee and Lessee hereby takes and leases from Lessor, the following described property, (hereinafter referred to as the "Premises"), to-wit:

That certain first floor commercial rental space designated as Southlake Utilities, Inc. comprising approximately 700 square feet, which is boldly outlined on Exhibit "A" attached hereto and made a part hereof, and being located at the following address: 16554 Crossings Blvd Suite 2, Clermont, FL 34711.

1. TERM: Lessee is to have and to hold the Premises for an initial term of 10 (ten) years, commencing on May 1, 2002 hereinafter sometimes referred to as the "commencement date", and terminating on April 30, 2012, (hereinafter, together with any valid extension thereof, sometimes referred to as the "lease term" or "term") on the terms and conditions as set forth herein.

2. USE AND POSSESSION: It is understood that the Premises are to be used solely and exclusively for purposes and for no other purpose without the prior written consent of Lessor, which consent may be unreasonably withheld, delayed, or conditioned by Lessor. Lessee shall not use the Premises for any unlawful, disreputable, or hazardous purpose or so as to constitute a nuisance. No part of the Premises shall be occupied or used by any persons, for any purpose, except that permitted by the Lease, or in any manner which is reasonably objectionable to Lessor, or to a neighboring tenant; or which will render such uninsurable. Lessee will not use or permit the Premises to be used for any illegal, immoral or improper purpose. Lessee, at the expiration of the Term, shall deliver up the Premises in good repair and condition, damages beyond the control of Lessee, reasonable use, ordinary decay and wear and tear excepted. Lessee shall indemnify Lessor against any loss or liability resulting from any delay by Lessee in so surrendering the Premises. Upon the termination of this Lease, whether by cancellation or otherwise, unless Lessee is then in default, Lessee shall have the right to remove from the Premises all of its furniture, equipment and personal property; but Lessee shall not remove from the Premises any fixtures or leasehold improvements permanently affixed to, or a part of, the Premises, or which cannot be removed without damage to the walls, floor, or ceiling of the building within

which the Premises is located (herein sometimes referred to as the "Building"), which Building is located within the Town Center at Cagan Crossings (hereinafter referred to as "Property"). Any property of Lessee not so removed shall be deemed abandoned, and Lessor may dispose of it as it wishes.

3. CONDITION OF PREMISES: Lessee has examined the Premises, is satisfied with their physical condition and its taking possession thereof is conclusive evidence of receipt of them in good order and repair, except as otherwise specified. Lessee agrees that no representation as to condition or repair has been made, except as is contained in this Lease; and it further agrees that no promise to decorate, alter, repair or improve the Premises has been made, except such as is contained in this Lease.

4. RENT: Lessee hereby covenants and agrees to pay to Lessor, together with any and all sales and use taxes levied upon the use and occupancy of the Premises, as set forth in Paragraph 6, infra, during the Term, in advance and beginning on the Commencement Date, and on the first day of each and every month thereafter for the next One Hundred Twenty (120) month period, a base rent of $600.00 (plus 7.0% tax in the amount of $42.00), for a total initial monthly rent of $642.00. Rent shall be paid in lawful money of the United States of America to Lessor at 16554 Crossings Boulevard, Suite 4, Clermont, Florida, 34711, together with the Common Area Charge as defined infra. Monthly base rent will be adjusted subsequently in the manner set forth in Paragraph 5, infra. If Lessee's possession commences on other than the first day of the month, Lessee shall occupy the Premises under the terms, conditions and provisions of this Lease, and the pro rata portion of the monthly rent for the balance of said month shall be paid and the term of this Lease shall commence on the first day of the month following that in which possession is given.

5. RENT ADJUSTMENT: The monthly base rent for the one hundred twenty (120) month period subsequent to the first complete one hundred twenty (120) month period during the Lease Term shall be $600.00 (plus 7.0% tax in the amount of $ (42.00), for a total monthly rent of $642.00.

6. SALES USE AND OTHER TAXES: Lessee hereby covenants and agrees to pay monthly, to Lessor, as additional rent, any sales, use or other tax, excluding State and/or Federal Income Tax, now or hereafter imposed upon rents by the United States of America, the State of Florida, or any political subdivisions thereof, notwithstanding the fact that such statute, ordinance or enactment imposing the same may endeavor to impose the tax on Lessor. Lessee shall also be liable for all taxes levied or assessed against all of Lessee's property, which is located within the Premises.

7. NOTICES: For purpose of notice or demand hereunder, the respective parties shall be served by a nationally recognized overnight delivery service, by hand delivery, or by certified mail, return receipt requested, addressed or delivered to Lessee or to Lessor at

their respective principal office addresses as are set forth, supra, which addresses may be subsequently revised by proper notice hereunder to the other.

8. ORDINANCES AND REGULATIONS: Lessee hereby covenants and agrees to comply with all the rules and regulations of the Board of Fire Underwriters, Officers or Boards of the City, County or State having jurisdiction over the Premises and with all ordinances and regulations of governmental authorities wherein the Premises are located, at Lessee's sole cost and expense; but only insofar as any such rules, ordinances and regulations pertain to the manner in which Lessee shall use the Premises. The obligation to comply in every other case, and also all cases where such rules, regulations and ordinances require repair, alterations, changes or additions to the Building or the Building's equipment, or any part of either, are hereby expressly assumed by Lessor, and Lessor agrees promptly and duly to comply with all such rules, regulations and ordinances with which Lessee has not herein expressly agreed to comply.

Lessee specifically acknowledges that the Premises is located on the ground floor of a three-story mixed use Building, that the second and third floor units in the Building are presently contemplated to be used for residential use, and that Lessee is well aware of such facts.

Lessee further specifically acknowledges that the Premises is located within a Development of Regional Impact; and as such is subject to certain provisions of its Development Order, which provisions may have some impact on Lessee's use of the Premises.

9. SIGNS: Lessee will not place any signs or other advertising matter or material on the exterior or on the interior, where possible to be seen from the exterior of the Premises or of the Building, without the prior written consent of Lessor.

10. PAYMENT AND USE OF UTILITIES AND SERVICES: Lessee shall procure for its own account and shall pay the cost of all water, trash, garbage and sewage service, gas, electrical power, and other utilities consumed in or at the Premises. If Lessee does not make such payments in a prompt fashion, Lessor may, at its option, do so and such payment shall be deemed delinquent rent for purposes hereof. Lessor shall provide to Lessee, as a non-exclusive license, the right to use a reasonable amount of free parking for Lessee's employees and business invitees on Lessor's parking area adjacent to the Building. Lessor shall have the right to designate the location and number of such parking spaces from time to time; and Lessee specifically shall require all of its employees to park in the area or areas designated by Lessor for such employee parking. Lessee's use of such parking spaces shall be subject to any and all rules and regulations pertaining to such as may be adopted by Lessor from time to time in the future.

11. REPAIRS: Lessee shall maintain, at its cost, the interior of the Premises and every part thereof, specifically including all plumbing, electrical, heating and air conditioning fixtures, pipes, conduits, circuits, air handlers, the air conditioner compressor located at the

rear of the Building which supplies the Premises, other related equipment, all fixtures and equipment installed by Lessee, and any plate glass and special store fronts, in good repair and condition (including the prompt and regular performance of all reasonably necessary maintenance thereon), reasonable use, ordinary decay and wear and tear excepted.

Lessor, in turn, shall maintain, at its cost, all of the rest of the Building and every part thereof, in good repair and condition, reasonable use, ordinary decay and wear and tear excepted.

12. ALTERATIONS: Lessee shall not make or suffer to be made any alterations, additions or improvements to or of the Building, the Premises or any part thereof without the prior written consent of Lessor, which consent may be not unreasonably withheld, delayed, or conditioned by Lessor. In the event Lessor consents to the proposed alterations, additions or improvements, the same shall be at Lessee's sole cost and expense, and Lessee shall hold Lessor harmless on account of the cost thereof. Any such alterations shall be made at such times and in such manner as not to unreasonably interfere with the occupation, use and enjoyment of the remainder of the Building by the other tenants thereof; and shall be made in accordance with all applicable governmental requirements by properly licensed contractors, who must provide evidence of insurance coverage reasonably acceptable to Lessor. If required by Lessor such alterations shall be removed by Lessee upon the termination or sooner expiration of the term of this Lease and Lessee shall repair damage to the Building or the Premises caused by such removal, all at Lessee's cost and expense.

13. QUIET ENJOYMENT: Lessor covenants and agrees that Lessee, on paying said monthly rent and performing the covenants contained herein, shall and may peaceably and quietly hold and enjoy the Premises and common areas, including, but not limited to, parking areas and sidewalks for the Lease Term.

14. LESSOR'S RIGHT TO INSPECT AND DISPLAY: Lessor shall have the right, at all reasonable times during the Lease Term, to enter the Premises for the purpose of examining or inspecting same and of making such repairs or alterations therein as Lessor shall deem necessary. Lessor shall also have the right to enter the Premises at all reasonable hours for the purpose of displaying the Premises to prospective tenants within ninety (90) days prior to the termination of this Lease.

15. DESTRUCTION OF PREMISES:

(a) If the Premises are totally destroyed by fire or other casualty, both Lessor and Lessee shall have the option of terminating this Lease, upon giving written notice at any time within thirty (30) days from the date of such destruction; and, if the Lease be so terminated, all rent shall cease as of the date of such destruction and any prepaid rent shall be refunded.

(b) If the Premises are partially damaged by fire or other casualty, or totally destroyed thereby and neither party elects to terminate this Lease within the provisions of Paragraph 16(a) supra or Paragraph 16(b) infra, then Lessor agrees, at Lessor's sole cost and expense, to restore the Premises to a kind and quality substantially similar to that immediately prior to such destruction or damage. Said restoration shall be commenced within a reasonable time and completed without delay on the part of Lessor; and, in any event, shall be accomplished within one hundred eighty (180) days from the date of the fire or other casualty. In such case, all rents paid in advance shall be proportioned as of the date of damage or destruction and all rent thereafter accruing shall be equitably and proportionately suspended and adjusted according to the nature and extent of the destruction or damage, pending completion of rebuilding, restoration or repair, except that in the event the destruction or damage is so extensive as to make it unfeasible for Lessee to conduct Lessee's business within the Premises the rent shall be completely abated until the Premises are restored by Lessor or until Lessee resumes use and occupancy of the Premises, whichever event shall first occur. Lessor shall not be liable for any inconvenience or interruption of business of Lessee occasioned by fire or other casualty.

(c) If Lessor undertakes to restore, rebuild or repair the Premises, and such restoration, rebuilding or repair is not accomplished within one hundred eighty (180) days from the date of the fire or other casualty, and such failure does not result from causes beyond the control of Lessor, Lessee shall have the right to terminate this Lease by written notice to Lessor within thirty (30) days after expiration of said one hundred eighty (180) day period.

(d) Lessor shall not be liable to carry fire, casualty or extended damage insurance on the person or property of Lessee or any person or property, which may now or hereafter be placed in the Premises.

16. CONDEMNATION: If during the Lease Term, or any renewal thereof, the whole of the Premises or such portion thereof as will make the Premises unusable from a practical standpoint for the purpose leased, be condemned by public authority for public use, then, in either event, the Lease Term shall cease and come to an end as of the date of the vesting of title in such public authority, or when possession is given to such public authority, whichever event last occurs. Upon such occurrence, the rent shall be proportioned as of such date and any prepaid rent shall be returned to Lessee. Lessor shall be entitled to the entire award for such taking, except for any statutory claim of Lessee, for injury, damage or destruction of Lessee's business accomplished by such taking. If a portion of the Premises is taken or condemned by public authority for public use so as not to make the remaining portion of the Premises unusable from a practical standpoint for the purpose leased, this Lease will not be terminated but shall continue. In such case, the rent shall be equitably and fairly reduced or abated for the remainder of the term in proportion to the amount of the Premises taken. In no event shall Lessor be liable to Lessee for any business interruption, diminution in use or for the value of any unexpired Lease Term.

17. ASSIGNMENT AND SUBLEASE: Lessee shall not assign this Lease, sublet all or any part of the Leased Premises or otherwise transfer its interest in the Lease without the prior written consent of Landlord, which consent shall not be unreasonably withheld.

If, at any time, during the term of this Lease, any part or all of its outstanding voting stock, if Lessee is a corporation, or any interest in the partnership, if Lessee is a partnership, shall be transferred by sale, assignment, bequest, inheritance, operation of law or other dispositions so as to result in a change in the present effective voting control of Lessee by the person or persons owning a majority of said outstanding voting stock or a majority interest in the partnership, as the case may be, on the date of this Lease, then such event shall constitute an assignment for the purposes of this Lease.

In the case of any permitted assignment or sublease, any proposed assignee or subtenant of Lessee shall assume Lessee's obligations hereunder and deliver to Landlord an assumption agreement in form satisfactory to Landlord at least ten (10) days prior to the effective date of the assignment. The consent by Landlord to an assignment or subletting and the assumption of Lessee's obligations by an approved assignee shall not in an way be construed to relieve Lessee or any other occupant of the Leased Premises from obtaining the express written consent of Landlord to any further assignment or subletting.

Lessee shall pay to Landlord, Landlord's administrative costs, overhead and attorneys' fees incurred, in connection with such assignment or subletting. The acceptance of rent from any other person shall not be deemed to be a waiver of any of the provisions of the Lease or to be a consent to the assignment of this Lease or the subletting of the Leased Premises.

18. HOLDOVER: It is further covenanted and agreed that if Lessee, or any assignee or sublessee of or from Lessee shall continue to occupy the Premises after the termination of this Lease without the prior written consent of Lessor, such tenancy shall be deemed to be a tenancy at sufferance. Acceptance by Lessor of rent after such termination shall not constitute a renewal of this Lease or a consent to such occupancy, nor shall it waive Lessor's right of reentry or any other right contained herein or provided by Florida law.

19. SUBORDINATION: This Lease shall be subject and subordinate at all times to the liens and security interests of any mortgages in any amount or amounts whatsoever now existing or hereafter encumbering the Premises, without the necessity of having further instruments executed by Lessee to effect such subordination. Notwithstanding the foregoing, Lessee agrees to execute and deliver upon demand such further instruments evidencing such subordination of this Lease to such liens and security interests of any such mortgages as may be requested by Lessor. So long as Lessee shall pay the rent reserved hereunder and comply with, abide by and discharge the terms, conditions, covenants and obligations on its part to be kept and performed herein, and shall attorn to any successor in title, notwithstanding the foregoing, the peaceable possession of Lessee in and to the Premises for the Lease Term shall not be disturbed, in the event of the foreclosure of any

such mortgage, by the purchaser at such foreclosure sale or such purchaser's successor in title.

20. INDEMNIFICATION: Lessor shall not be liable for any damage or injury to any person or property whether it be the person or property of Lessee, Lessee's employees, agents, guests, invitees or otherwise by reason of Lessee's occupancy of the Premises or because of fire, flood, windstorm, acts of God, or for any other reason. Lessee agrees to indemnify and hold harmless Lessor from and against any and all loss, damage, claim, demand, liability or expense by reason of damage to person or property which may arise or be claimed to have arisen as a result of the occupancy or use of the Premises by Lessee or by reason thereof or in connection therewith, or in any way arising on account of any injury or damage caused to any person or property on or in the Premises providing, however, that Lessee shall not so indemnify and hold harmless as to any loss or damage due to fault of Lessor.

21. CONSTRUCTION: The terms, Lease, Lease Agreement or Agreement shall be inclusive of each other, and shall also include renewals, extensions or modifications of the Lease. The paragraph headings and titles hereof are not a part of this Lease, and shall have no effect upon the construction or interpretation of any part hereof. This Lease may be freely assigned by Lessor. This Lease shall be construed under the laws of the State of Florida, regardless of where it may have been executed or delivered. This Lease supersedes and replaces any and all previous written or oral agreements between Lessor and Lessee pertaining to the Premises, if any; and any and all such agreements, if any, are hereby declared to be null and void and of no further force and effect. All rights, powers and remedies provided herein may be exercised only to the extent that the exercise thereof does not violate any applicable law and are intended to be limited to the extent necessary so that they will not render this Lease invalid, illegal or unenforceable. If any term of this Lease shall be held to be invalid, illegal or unenforceable, the validity of the other terms of this Lease shall in no way be affected thereby. The parties hereto agree to execute any and all other and further documents as are reasonably necessary in order to ratify, confirm, and effectuate the intent and purposes of this Lease. This Lease shall not be amended or modified, except by an amendment in writing, executed by all parties hereto in the same form as this Lease. If is specifically understood and agreed that no person, firm, or other legal entity shall be a third party beneficiary hereunder, and that none of the provisions of this Lease shall be for the benefit of or be enforceable by any one other than the parties hereto, and that only the parties hereto and their permitted assignees shall have any rights hereunder. This Lease is intentionally prepared in an unrecordable form, shall not be recorded, and any attempt to do so by Lessee shall, at Lessor's option, constitute an event of default hereunder. This Lease may be executed in any number of counterparts, each of which, when executed and delivered, shall be deemed to be an original instrument, but such counterparts shall together constitute one and the same instrument. Time is of the essence of this Lease. Wherever used herein, the terms Lessor and Lessee shall include masculine, feminine, neuter, singular and/or plural, as the context admits or requires.

22. DEFAULT: In the event Lessee shall default in the payment of rent or any other sums payable by Lessee herein, and such default shall continue for period of five (5) days after written notice to Lessee, or if Lessee shall default in the performance of any other covenants or agreements of this Lease and such default shall continue for thirty (30) days after written notice thereof, or if Lessee should become bankrupt or insolvent or any bankruptcy or insolvency proceedings be taken by or against Lessee, then and in addition to any and all other legal remedies and rights, Lessor may declare the entire balance of the rent for the remainder of the Term to be due and payable and may collect the same by distress or otherwise and Lessor shall have a security interest in all personal property of Lessee which is located in the Premises; and, in order to protect its security interest in said property, Lessor may, without first obtaining a distress warrant, lock up the Premises in order to protect its interest in the secured property, or Lessor may terminate this Lease and retake possession of the Premises, or enter the Premises and re-let the same without termination, in which latter event Lessee covenants and agrees to pay any deficiency after Lessee is credited with the rent thereby obtained, less all repair and expenses (including the expenses of obtaining possession), or Lessor may resort to any two or more of such remedies or rights and adoption of one or more such remedies or rights shall not necessarily prevent the enforcement of others concurrently or thereafter.

The non-prevailing party in any dispute regarding this Lease covenants and agrees to pay reasonable attorney's fees, including appellate attorney's fees, paralegal fees, and costs and expenses of the prevailing party, including court costs, if the prevailing party employs an attorney to enforce any rights of the prevailing party herein in the event of any breach as aforesaid, including participation in any arbitration, mediation, bankruptcy or re-organizational proceedings. The same shall be payable regardless of whether such collection or enforcement is effected by suit, proceeding, or otherwise.

23. SUCCESSORS AND ASSIGNS: As applicable, this Lease shall be binding upon and inure to the benefit of the grantees, successors, permissible assigns, heirs, executors, administrators and legal representatives of the parties hereto. Upon assignment hereof, the assignor shall thereupon be released from any and all liability subsequently accruing hereunder, which liability shall be assumed by the assignee and grantee.

24. NON-WAIVER: No waiver of any covenant or condition of this Lease by Lessor shall be deemed to imply or constitute a further waiver of the same covenant or condition or any other covenant or condition of this Lease. Lessee may be released from its obligations and agreements hereunder only by a written instrument of Lessor specifically providing for such release.

25. CONSTRUCTION LIENS: Lessee will not permit any construction lien or liens to be placed upon the Premises, or any improvements thereon, during the Lease Term caused by or resulting from any work performed, materials furnished, or obligation incurred by or at the request of Lessee; and in the case of the filing of any such lien, Lessee will promptly either pay the same, or transfer such to a cash deposit or surety bond under the

applicable provisions of the Florida Construction Lien Act. If default in payment thereof shall continue for twenty (20) days after written notice thereof from Lessor to Lessee, Lessor shall have the right and privilege, at Lessor's option, of paying the same or any portion thereof without inquiry as to the validity thereof, and any amounts so paid, including expenses and interest, shall be additional rent hereunder due from Lessee to Lessor, and shall be repaid to Lessor immediately on demand. Nothing contained herein shall be deemed to imply any agreement of Lessor to subject Lessor's reversionary interest in the Premises to any construction lien or other lien for improvements done at the request or direction of Lessee. Notice is hereby given to all persons dealing with Lessee that Lessee has no power, right, or authority to contract for the account of Lessor or subject Lessor's reversionary interest in the Premises to any construction lien or other lien for improvements done at the request or direction of Lessee; that Lessor shall not be liable for any labor or materials furnished or to be furnished to Lessee on credit; and that no construction lien or other lien for labor or materials shall attach to or affect in any fashion the reversionary interest of Lessor in the Premises. Lessee shall be required to notify any contractor doing work at its request of the provisions of this paragraph.

26. NO PERSONAL LIABILITY: Anything in this Lease to the contrary not withstanding, Lessee agrees that it shall look solely and exclusively to the estate and property of Lessor in the Premises for the collection of any judgment (or other judicial process) requiring the payment of money by Lessor in the event of any default or breach by Lessor with respect to any of the terms, covenants and conditions of this Lease to be observed and/or performed by Lessor; and no other property or assets of Lessor shall be subject to levy, execution or other procedures for the satisfaction of Lessee's remedies. Nothing herein contained shall prohibit Lessee from seeking and securing injunctive relief.

27. SECURITY DEPOSIT: Lessee, concurrently with the execution of this Lease, has deposited with Lessor the sum of N/A dollars ($0), the receipt thereof being hereby acknowledged, which sum shall be retained by Lessor as security for the payment by Lessee of the rent herein agreed to be paid and for the faithful performance by Lessee of the covenants of this Lease. If at any time Lessee shall be in default in any of the provisions of this Lease. Lessor shall have the right to use said deposit, or so much thereof as may be necessary, in payment of any rent in default as aforesaid and/or in payment of any expense incurred by Lessor in and about the curing of any default by Lessee, and/or payment of any damages incurred by Lessor; or, at Lessor's option, the same may be retained by Lessor by reason of such default by Lessee in liquidation of part of the damages suffered by Lessor by reason of the default of Lessee. In the event that said deposit shall not be utilized for any such purpose, then such deposit shall be applied to the rent last due for the Lease Term, or any renewal term thereof. Said deposit shall not bear interest, shall not be deemed to be a trust fund, and may be mingled with other funds of Lessor.

28. WAIVER OF SUBROGATION: Each party to this Lease hereby waives any cause of action it might have against the other party hereto on account of any loss or damage that is covered by any insurance policy that covers the Premises, Lessee's

fixtures, personal property, leasehold improvements, or business and which names Lessee as a party insured, it being understood and agreed that this provision is cumulative of Paragraph 21, supra. Lessee agrees that it will require its insurance carrier to endorse all applicable policies so as to waive the carrier's rights of recovery under subrogation or otherwise against Lessor.

29. LIABILITY INSURANCE: Lessee shall procure and maintain throughout the Lease Term, a policy or policies of insurance at its sole cost and expense and in the amounts of not less than a combined single limit of One Million DOLLARS ($1,000,000.00) or such other amounts as Lessor may from time to time reasonably require, insuring Lessee and Lessor against any and all liability to the extent obtainable for injury to or death of a person or persons or damage to property occasioned by or arising out of or in connection with the use, operation, and occupancy of the Premises, and specifically providing coverage for Lessee's indemnification obligations imposed by Paragraph 21, supra. Lessee shall furnish a certificate of insurance and such other evidence satisfactory to Lessor of the maintenance of all insurance coverage's required hereunder, and Lessee shall obtain a written obligation on the part of each insurance company to notify Lessor at least thirty (30) days prior to cancellation or material change of any such insurance policy.

30. BROKERAGE: Lessee, by its execution hereof, hereby represents and warrants that it has had no dealing with any broker or agent in connection with the negotiation or execution of this Lease; and Lessee agrees to indemnify Lessor against all costs, expenses, reasonable attorneys' fees (including appellate attorneys' fees), or other liability for commissions or other compensation or charges claimed by any broker or agent claiming the same by, through, or under Lessee. Lessor acknowledges that it will be solely responsible for any liability for commissions or other compensation or charges for any broker or agent that it might have any liability to in connection with the negotiation and execution of this Lease.

31. ESTOPPEL CERTIFICATES: Lessee agrees to furnish from time to time when requested by Lessor or the holder of any mortgage encumbering all or any part of the Building or the improvements therein or the Premises or any interest of Lessor therein, a certificate signed by Lessee containing such factual certifications and representations as are deemed appropriate by Lessor or the holder of any mortgage encumbering all or any part of the Building or the improvements therein or the Premises or any interest of Lessor therein, and Lessee shall, within ten (10) days following receipt of said proposed certificate from Lessor, return a fully executed copy of said certificate to Lessor.

32. NO COUNTERCLAIM: If Lessor commences any proceedings for non-payment of rent, Lessee will not interpose any counterclaim of any nature or description in such proceedings. This shall not, however, be construed as a waiver of Lessee's right to assert such claims in a separate action brought by Lessee. The covenants to pay rent and other amounts hereunder are separate and independent covenants, and Lessee shall have no right to hold back, offset, or fail to pay any such amounts for any default by Lessor hereunder or for any other reason whatsoever.

33. LESSOR'S REMEDIES, ETC., CUMULATIVE: Each right, power and remedy of Lessor provided for in this Lease, or now or hereafter existing at law or in equity or by statute or otherwise, shall be cumulative and concurrent and shall be in addition to every other right, power or remedy provided for in this Lease, or now or hereafter existing at law or in equity or by statute or otherwise, and the exercise or beginning of the exercise by Lessor of any one or more of the rights, powers or remedies provided for in this Lease or now or hereafter existing at law or in equity or by statute or otherwise shall not preclude the simultaneous or later exercise by Lessor of any or all such other rights, powers or remedies.

34. JOINT AND SEVERAL LIABILITY: If there be more than one Leassee, the obligations hereunder imposed upon Leasee shall be joint and several. If there be a guarantor of Leasee's obligations hereunder, the obligations hereunder imposed upon Leassee shall be the joint and several obligations of Leassee, and such guarantor; and Leassor shall not be required to proceed first against Leassee before proceeding against such guarantor, nor shall any such guarantor be released from its guaranty for any reason what so ever, including without limitation, in case of any amendments hereto, waivers here of, or failure to give such guarantor any notices hereunder.

35. EVIDENCE OF AUTHORITY: If Lessee is other than a natural person, Lessee shall deliver to Lessor such legal documentation as Lessor may reasonably request in order to evidence the authority of those executing this Lease to bind the Lessee.

36. RELATIONSHIP OF PARTIES: It is the intention of the parties hereto to create an estate for years in the Premises and to create the relationship of lessor and lessee as between the parties and no other relationship whatsoever. Nothing contained herein shall be construed to create between Lessor and Lessee a partnership or joint venture or the relationship of debtor and creditor or of principal and agent or any other type of legal relationship other than the lessor-lessee relationship established hereby.

37. RADON NOTIFICATION: The following notification is provided pursuant to the requirements of FS 404.056:

"RADON GAS: Radon is a naturally occurring radioactive gas that, when it has accumulated in a building in sufficient quantities, may present health risks to persons who are exposed to it over time. Levels of radon that exceed federal and state guidelines have been found in buildings in Florida. Additional information regarding radon and radon testing may be obtained from your county public health unit."

38. WAIVER OF JURY TRIAL: Lessor and Lessee hereby knowingly, voluntarily and intentionally waive any right which either may have to a trial by jury with respect to any litigation based hereon, or arising out, under, or in connection with this Lease or any document to be executed in conjunction herewith, or any course of conduct, course of

dealing, statements (whether verbal or written) or actions of either Lessor or Lessee. This provision is a material inducement for Lessor to enter into this Lease.

39. ENVIRONMENTAL: Lessee shall neither suffer nor itself manufacture, store, handle, transport, dispose of, spill, leak or dump any toxic or hazardous wastes, waste products, or substances (as may be defined in any federal or state statute, rule, or regulation pertaining to or governing such waste, waste products, or substances) on the Premises at any time during the Lease term and shall indemnify and hold Lessor harmless from any and all liability (including reasonable attorney's fees and costs) incurred by Lessor as a result of Lessee's default under this provision.

40. SPECIAL PROVISIONS. The special provisions set forth in Exhibit "C" attached hereto, are hereby made a part of the Lease.

IN WITNESS WHEREOF, Lessee and Lessor have caused this Lease to be executed as of the date first above written, by their respective officers or parties thereunto duly authorized.

Signed, sealed, and delivered
in the presence of:

_____
Signature of Witness

_____
Typed or printed name of Witness

_____
Signature of Witness

_____
Typed or printed name of Witness

CAGAN CROSSINGS, LTD., a Florida limited partnership

By: CAGAN CROSSINGS HOLDING, INC., a Florida corporation, as its sole General Partner

_____

By: JEFFREY CAGAN, as its President

NAME

By: _____
Name

_____
Name

_____
Signature of Witness

_____
Typed or printed name of Witness

_____
Signature of Witness

_____
Typed or printed name of Witness

Exhibit A
Drawing of Rental Space

Exhibit "B"
"VANILLA BOX" SPECIFICATIONS
LANDLORD'S WORK

Landlord/Lessor shall furnish at Lessor's sole cost, the following for Tenant/Lessee:

Building shell will be built to include electric, plumbing, air conditioning and wiring for lighting. Walls to be finished with drywall. Tenant will paint interior of space, install shelving, light fixtures, carpet, etc.

EXHIBIT C

The special provisions set forth below are hereby made a part of this Lease:

42. Leasehold Improvements

(a) Lessor shall cause to be performed the work described in Exhibit "B" attached to the Lease, at its own expense and in accordance with plans for such approved by Lessee. However, if Lessee desires materials or installation methods that are different from those described in Exhibit "B"; or if Lessee desires work in addition to that described in Exhibit "B" to be performed by Lessor, then Lessee shall pay to Lessor the additional actual cost of such work as billed by Lessor to Lessee. It shall be a condition to Lessee's right to occupy the Premises that Lessee shall have paid to Lessor all sums billed by Lessor for such actual additional costs. Lessee shall be entitled to hire its own contractors to construct work for the interior build-out of the Premises for work that is not listed on Exhibit B.

(b) All of the items and finishes listed in Exhibit "B" to be supplied by Lessor will substantially comply with the Building's standard specifications, color, quality, and quantity. The costs of modifications and changes from Building standards for any item shall include the cost of architectural and engineering design and the applicable increased costs of construction.

(c) Final working drawings of all improvements that Lessee desires to be installed in the Premises, whether or not all or any of the work is to be done by Lessor, must have been submitted to and approved by Lessor no later than ninety (90) days after execution of the Lease. The final working drawings shall evidence improvements that comply with the applicable law, shall be in a form commonly used in the Building for construction purposes, and shall be properly signed by Lessee and Lessor. If Lessor does not approve Lessee's drawings within 15 days of submittal to Lessor, Lessee may, upon written notice to Lessor, terminate the Lease Agreement without any penalty and Lessor shall return all deposits to Lessee within 3 days of such termination notice.

(d) If there are any changes by Lessee, or Lessee's contractors, subcontractors, or agents from the improvements set forth in the final working drawings approved by Lessor, each such change must receive the prior written approval of Lessor. In the event of any such approved change in the working drawings, Lessee shall, upon completion of the improvements, furnish Lessor with an accurate "as-built" plan of the improvements as constructed, which plans shall be incorporated into this Lease by this reference for all intents and purposes.

(e) Any contractors and subcontractors shall comply with all standards and regulations established by Lessor. Such contractors and subcontractors shall coordinate their efforts to insure timely completion of all work. Contractors or subcontractors engaged by Lessee shall employ labor, materials, and funds to insure the progress of the work without interruption on account of strikes, work stoppage, or similar causes for delay. During construction of any such improvements, the contractors and subcontractors shall coordinate with Lessor the movement of equipment and materials. Lessee's work shall be conducted in such manner so as to maintain harmonious labor relations and not to interfere with or delay Lessor's contractors or Lessor's operation of the Building or the use of the Building by other tenants.

(f) All design, construction and installation shall conform to the requirements of applicable building, plumbing, electrical and other codes, and the requirements of any authority having jurisdiction over or with respect to such work.

(g) If Lessee requests materials or installations in addition to or other than Lessor's Building standard materials or installations, or if Lessee employs its own contractors or decorators, or if Lessee or Lessee's agents make changes in the work after approval of the plans by Lessor, and if such non-standard materials or installations or contractor or decorator changes shall delay the work to be performed hereunder, or if Lessee shall otherwise delay the completion of said work, then, notwithstanding any provision to the contrary in this Lease, Lessee's obligation to pay rent under the Lease shall nevertheless commence on the Commencement Date. If the Premises are not ready for occupancy on the Commencement Date for any reason other than the reasons specified in the immediately preceding sentence, then the obligations of Lessor and Lessee under the Lease shall nevertheless continue in full force and effect; and, in such event, the rent shall abate and not commence, and the Commencement Date shall not occur until the date the leasehold improvements to the Premises are substantially complete (as determined by Lessor's architect), such abatement of rent to constitute a full settlement of all claims that Lessee might otherwise have against Lessor by reason of the Premises not being ready for occupancy by Lessee on the Commencement Date.

(h) Lessee shall bear the entire cost of any improvements to be installed by Lessor in the Premises in excess of the Building standard allowances, and shall pay for such excess improvements as provided for herein. Lessee shall pay to Lessor, upon Lessor's approval of the working drawings referred to herein, an advance payment equal to fifty percent (50%) of the cost (including labor, materials and overhead) of such excess improvements as estimated by Landlord. Notwithstanding any provision contained herein to the contrary, it is understood and agreed that Lessor shall have no obligation to commence installation of such excess improvements until: (a) Lessee shall have furnished to Lessor and Lessor shall have approved the final working drawings as required by the provisions hereof; and (b) Lessor shall have received Lessee's advance payment for the portion of the cost of the installation of the excess improvements as are required by the immediately preceding sentence. After the commencement of the installation of the leasehold improvements referred to herein, Lessee agrees to make progress payments in advance to

Lessor for the remainder of the cost (including labor, materials and overhead as aforesaid) of the excess improvements as estimated from time to time by Lessor and set forth in the interim invoices therefore submitted by Lessor to Lessee at such intervals as Lessor may determine. Lessee shall pay to Lessor the amount specified in each such invoice upon delivery of each such invoice to Lessee; and, upon substantial completion of the installation of such improvements, Lessee shall pay to Lessor the remainder of the actual cost of such work, or Lessor shall refund to Lessee the amount, if any, by which all prior progress payments by Lessee exceed the actual cost of the installation of such improvements, as the case may be. In no event shall credit be given to Lessee for any Building standard allowances not used.

43. LEFT BLANK.

44. Removal Of Ceiling Fans, Etc. Lessee shall have the right, at the end or other termination of this Lease, to remove any ceiling fans or similar fixtures which might have been paid for by Lessee and installed subsequent to the Commencement Date, provided that such removal is accomplished in accordance with all of the applicable requirements of this Lease.

45. Water Damage. Lessor shall not be liable for any damage done or occasioned by or from plumbing, gas, water, or other pipes, or sewage or the bursting, leaking or running of any tank, wash stand, water closet or waste pipe in, above, upon or about the Premises; nor for any damage occasioned by water being upon or coming through the floor, ceilings, roof, skylight, or otherwise; nor for any damage arising from acts of negligence of co-tenants or other occupants of the Building, or of any owners or occupants of adjoining or contiguous property, unless such damage is occasioned by the negligence of Lessor, or by the failure of Lessor to make any repairs required under the terms hereof.

46. Termites. Lessor shall, at its own cost and expense, keep the Premises free of termites. Should any termites appear in the Premises, then Lessor shall cause the same to be exterminated within thirty (30) days after notice thereof in writing by Lessee to Lessor. Should Lessor fail, after such written notice, to cause such extermination to be made, then Lessee may proceed to do so and may deduct the cost thereof from any Rent due or to become due. However, Lessee shall be responsible for the eradication if the infestation of termites is attributable to Lessee's use or occupancy of the Premises.

47. Exclusivity. Lessor shall not lease or otherwise allow the use of any premises in or on the Property to be used for a _____.

48. LEFT BLANK.

49. Contingency. The Lease Agreement is contingent upon Lessee obtaining and securing all necessary building permits, proper zoning, and operational permits, including but not limited to a SRX and COP liquor license and any review board approvals. If the

aforesaid items are not secured before the Turnover Date, Lessee may cancel the Lease Agreement without penalty and receive the refund of any and all deposits. Written notice of such cancellation must be sent by Lessee to Lessor before the Turnover Date.

Volume 3B

94 52139

State of Florida
County of Lake

REC 21.00
TF 3.00

BOOK 1316 PAGE 0350

LEASE FOR NINETY-NINE YEARS

This Lease, Made and executed in duplicate this the 17th day of August, 1993, by and between Robert L. Chapman Jr. (II) & wife Elisabeth T. Chapman of the County of Lake, State of Florida, hereinafter called the **Lessor**, which term shall include their heirs and assigns, of the one part, and Southlake Utilities Inc. of the County of Lake, State of Florida, hereinafter called the **Lessee**.

Witnesseth, That the said **Lessor**, in consideration of the rent hereinafter expressed to be paid, do lease unto the said **Lessee** Southlake Utilities Inc. all that ground and premises situate, lying and being in Lake County, State of Florida, and described as follows:

See Exhibit A attached hereto.

SEP 1 12 52 PM 94

CLERK CIRCUIT COURT

Together with the improvements thereon and all the rights, alleys, ways, waters, easements, emoluments, privileges and advantages thereunto belonging or in anywise appertaining.

To Have and to Hold the same unto the use of the said **Lessee** for the term of Ninety-nine (99) years, beginning on the seventeenth day of August, 1993, the said **Lessee** yielding and paying unto the said **Lessor** the rent at the rate of Forty Seven Thousand Four Hundred Dollars $ 47,400.00 a year until the seventeenth day of August, 1995, and thereafter Forty Seven Thousand Four Hundred Dollars ($47,400.00) a year during the term of this lease, plus an annual adjustment for inflation (if any) using *The Gross domestic Product Deflator* (or successor index thereof) plus payment of all assessments and real estate taxes, said rent or yearly sums to be paid in equal monthly installments in advance, on the seventeenth day of each month: said rents or yearly yields to be over and above all taxes and assessments of every kind legally levied or assessed against said demised premises, provided that if the said rent shall be in arrears in whole or in part, at any time, then it shall be lawful for the **Lessor** to make distress therefor, or to collect the same by other judicial process; provided further, that in the event it shall become necessary to collect said rent by suit or by

Prepared by Robert L. Chapman, III
800 US Hwy. 27 Clermont, FL 34711

an attorney after maturity, then in such event the Lessee obligates and binds its heirs and assigns to pay reasonable attorney's fees for the collection thereof; provided also, that if said rent shall be in arrears in whole or in part for 60 days, then it shall be lawful for the said Lessor at their option, to re-enter upon the hereby demised premises and hold the same until all the arrearages of rent thereon and all expenses incurred by reason of such nonpayment be paid; and provided further that if said rent shall be in arrears for 90 days then the said Lessor may at their option re-enter upon the premises hereby demised, with or without judicial proceedings, and hold the same in the same manner as if this lease had never been made, and in the event of such default, the Lessee waive the giving of any notice of Lessor intention to cancel and annul this lease, and re-take possession of the above described premises.

And the said Lessee further covenant with the said Lessor to pay the aforesaid rent and all taxes and assessments of whatsoever character which may accrue or be assessed against the above described property, and which may constitute or create a lien or incumbrance upon the above described property subsequent to the year 1993, when legally demandable and before any penalty shall accrue by reason of non-payment, and before said property shall be advertised for sale or any proceedings instituted thereon to enforce collection.

The Lessee herein furthermore obligate and bind at its own expense to keep all improvements now or that may hereafter be placed upon the above described property in good and substantial repair, to make no unlawful or improper use of said premises; and to pay all bills for water, electricity, gas or telephone service used on or in connection with said property.

The Lessee shall have full power and right to remove, tear down, destroy or replace any of the buildings on the premises herein described, or to materially alter or change the same.

This lease shall not be assigned without the consent of the Lessor, but any portion of the above described property may be sublet, no assignment or subletting shall release the Lessee herein from the obligations herein and hereby assured, unless the Lessor consent to said assignment and agree in writing to said release. The Lessee shall protect the Lessor from any claims for damages which may arise by reason of any negligent act or deed of the Lessee or by any negligent act or deed of any agent, servant, or employee or subtenant of said Lessee.

If the **Lessee** shall fail to comply with any of the terms and conditions of this lease (excepting those for which other default provisions are herein made), for a period of 90 days after the attention of the **Lessee** has been called in writing to such breach, then in such event, upon the expiration of said 90 days, the said **Lessor**, may at their option re-enter upon the premises hereby demised, with or without judicial proceedings and hold the same in the same manner as if this lease had never been made, and in the event of such default, the **Lessee** waive the giving of any notice of **Lessor** intention to cancel and annul this lease, and retake possession of the above described premises.

And the said **Lessor** covenant with the said Lessee that on the payment by the said **Lessee** of the said rent, and the performance of all covenants herein on its part to be performed, the said **Lessor** will warrant the property herein leased against all claims thereon superior to the lien of these presents (excepting those herein and hereby assumed), and will, during the life of this lease, protect and defend the possession of the **Lessee** against any and all persons whomsoever.

It is hereby agreed and understood that legal tender of any amount of payment of rent or other obligation at such time as is hereinbefore stipulated for payment, to the First Union National Bank of Clermont, Florida, its successors or assigns, for the account of the said **Lessor**, and without expense to **Lessor** or to such other bank in the said City of Clermont as the said **Lessor** shall designate by at least 30 days written notice to the said **Lessee** shall be deemed payment within the meaning of these presents.

Should the **Lessor** deem it necessary to serve any notice on the **Lessee**, such notice may be served personally upon the **Lessee** if Robert L. Chapman, III be found in the City of Clermont, Florida at the time service is required, but in the event Robert L. Chapman, III absent from the city or cannot be found, after a reasonable search or inquiry, the mailing of a notice by registered mail addressed to the **Lessee** at his last known address, and the leaving of a copy thereof at the office of Southlake Utilities, Inc. of Clermont, Florida, shall be sufficient service of said notice.

Upon the expiration of this lease all buildings, fixtures and permanent improvements placed upon the above described property shall become the

property of the Lessor and thereupon the Lessor shall be entitled to the immediate possession of same.

In Testimony Whereof, the parities hereto have set their hands and seals the day and year first above written.

LESSOR

Robert L. Chapman, II (Seal)
Robert L. Chapman, II

Elisabeth T. Chapman (Seal)
Elisabeth T. Chapman

LESSEE

Southlake Utilities, Inc.
By: Robert L. Chapman III (Seal)
President

Signed, sealed and delivered in the presence of:

Isadore Cagan

Andrea K. Gates

State of Florida
County of Lake

I hereby certify that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, Robert L. Chapman (II) Jr., Elisabeth T. Chapman and Robert L. Chapman, III to me well know and known to me to be the individual described in and who executed the foregoing lease and Robert L. Chapman (II) Jr., Elisabeth T. Chapman and Robert L. Chapman, III acknowledged before me that they executed the same freely and voluntarily for the purposes therein expressed.

Witness my hand and official seal at Clermont County of Lake and State of Florida, this 4th day of ~~February~~ March, 1994.

Jackie S. Hart
Notary; Commission Expires: Jan. 10, 1998

This form submitted by the H. and W. B. Drew Company, Jacksonville

JACKIE S HART
My Commission CC340648
Expires Jan. 10, 1998
Bonded by ANB
800-852-5878

BOOK 1316 PAGE 0354

EXHIBIT A

Waste Water Treatment Plant Parcel:

The Southeast 1/4 of the Northwest 1/4 of the Southeast 1/4 of Section 35, Township 24 South, Range 26 East, in Lake County, Florida, containing 10 acres more or less.

Water Treatment Plant Parcel:

That part of the North 1/2 of the Northeast 1/4 of Section 35, Township 24 South, Range 25 East, in Lake County, Florida, bounded and described as follows: from the Northeast corner of said Section 35, continue along the northerly boundary of said Section 35, S.89°42'18"W., 1430.092 feet to the point of beginning; thence continue S.89°42'18"W., 191.307 feet; thence S.20°35'59"E., 165.00 feet; thence N89°48'01"E., 7.47 feet; thence S.20°35'59"E., 141.56 feet; thence S.89°48'01"W. 200.00 feet to the easterly right-of-way of U.S. Highway 27; thence continue along said easterly right-of-way of said highway, S.20°35'59"E., 55.84 feet; thence S.25°10'17"E., 75.00 feet; thence N.89°48'01"E., 91.433 feet; thence N.01°11'59"W., 120.301 feet; thence N.00°18'42"W., 287.110 feet, more or less, to the point of beginning. Containing 59,999 square feet, 1.38 acres more or less.

Water Tank Parcel

Begin at the northwest corner of the Northeast 1/4 of Section 35, Township 24 South, Range 26 East, Lake County, Florida: Thence run S. 00°00'07"E., along the westerly boundary of said Northeast 1/4, a distance of 100.00 feet; thence departing said westerly boundary, run S.90°00'00"W., 506.87 feet; thence N.00°00'00"W., 97.04 feet to the northerly boundary of the aforesaid Section 35; thence N.89°39'53"E., along said northerly boundary, a distance of 506.88 feet to the point of beginning. Containing 49,936 square feet, 1.15 acres more or less.

RLC III

DYC III

MAR 21 '97 05:36PM P.2/3

(R) Southlake Utilities, Inc
P.O. Box 6209
Tallahassee, Fl 32314-6209

REC 1700
TF 250

97 19048

(The above space reserved for recording information) O.R. BOOK 1504 PAGE 2321

FIRST AMENDMENT OF LEASE

THIS FIRST AMENDMENT OF LEASE is made and executed as of this 21st day of March, 1997, by and between **ROBERT L. CHAPMAN, JR. (II)** and **ELISABETH T. CHAPMAN**, his wife (collectively, the "Lessor"), and **SOUTHLAKE UTILITIES, INC.**, a Florida corporation (the "Lessee").

WHEREAS, Lessor and Lessee have previously entered into that Lease For Ninety-Nine Years dated August 17, 1993, and recorded in O.R. Book 1316, page 0350, public records of Lake County, Florida (the "Lease"); and

WHEREAS, Lessor and Lessee wish to amend the Lease for the sole purpose of confirming that construction liens pursuant to Chapter 713, Florida Statutes, or any similar lien shall not extend to the fee interest of the Lessor in the property which is the subject of the Lease, and shall not be subject to liens for improvements made by the Lessee related to said property.

NOW, THEREFORE, for valuable consideration, and the mutual covenants set forth below, the parties agree as follows:

1. The parties agree that the interest of the Lessor in the premises and real property described in the Lease shall not be subject to liens for improvements made by the Lessee or its agents, and that the Lessee shall notify any contractor making any such improvements of the provision in this Lease, as amended. On any Notice of Commencement recorded in connection with the construction of any such improvements, Lessee shall note thereon that Lessee's interest in the property is a leasehold interest only, governed by the terms of this Lease, as amended.

2. All other terms and conditions of the Lease shall remain in full force and effect.

Signed in the presence of:

ROBERT L. CHAPMAN, JR. (II)

Two Witnesses

ELISABETH T. CHAPMAN

MAR 25 2 55 PM '97
CLERK CIRCUIT COURT
RECORDED
RECORD VERIFIED
LAKE COUNTY, FL

THIS INSTRUMENT PREPARED BY KERRY M. WILSON OF
PETERSON & MYERS, P.A.
P. O. Drawer 7608 Winter Haven, Florida 33883-7608

H:\RCNE\PLC\SOUTHLAK.AMD

PLEASE RETURN TO KERRY M. WILSON OF
PETERSON & MYERS, P.A.
P. O. Drawer 7608 Winter Haven, Florida 33883-7608

O.R. BOOK 1504 PAGE 2322

(The above space reserved for recording information)

FIRST AMENDMENT OF LEASE

THIS FIRST AMENDMENT OF LEASE is made and executed as of this 21st day of March, 1997, by and between **ROBERT L. CHAPMAN, JR. (II)** and **ELISABETH T. CHAPMAN**, his wife (collectively, the "Lessor"), and **SOUTHLAKE UTILITIES, INC., a Florida corporation** (the "Lessee").

WHEREAS, Lessor and Lessee have previously entered into that Lease For Ninety-Nine Years dated August 17, 1993, and recorded in O.R. Book 1316, page 0350, public records of Lake County, Florida (the "Lease"); and

WHEREAS, Lessor and Lessee wish to amend the Lease for the sole purpose of confirming that construction liens pursuant to Chapter 713, Florida Statutes, or any similar lien shall not extend to the fee interest of the Lessor in the property which is the subject of the Lease, and shall not be subject to liens for improvements made by the Lessee related to said property.

NOW, THEREFORE, for valuable consideration, and the mutual covenants set forth below, the parties agree as follows:

1. The parties agree that the interest of the Lessor in the premises and real property described in the Lease shall not be subject to liens for improvements made by the Lessee, and that the Lessee shall notify any contractor making any such improvements of the provision in this Lease, as amended. On any Notice of Commencement recorded in connection with the construction of any such improvements, Lessee shall note thereon that Lessee's interest in the property is a leasehold interest only, governed by the terms of this Lease, as amended.

2. All other terms and conditions of the Lease shall remain in full force and effect.

Signed in the presence of:

Audrea Zimmerman

Joseph R Robert
Two Witnesses

Robert L Chapman Jr II
ROBERT L. CHAPMAN, JR. (II)

Elisabeth T. Chapman
ELISABETH T. CHAPMAN

_____ SOUTHLAKE UTILITIES, INC.

_____ By: _____
Two Witnesses Robert L. Chapman, III,
President

STATE OF FLORIDA
COUNTY OF LAKE

The foregoing instrument was acknowledged before me this ____ day of March, 1997, by ROBERT L. CHAPMAN, JR. (II), and ELISABETH T. CHAPMAN, his wife, who are personally known to me or produced _____ as identification.

(SEAL) Andrea Zimmermann My Commission CC614007 Expires January 15 2001

Andrea Zimmermann
NOTARY PUBLIC/STATE OF FLORIDA

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of March, 1997, by Robert L. Chapman, III, as President of SOUTHLAKE UTILITIES, INC., a Florida corporation, on behalf of said corporation. He is personally known to me or produced _____ as identification.

(SEAL)

_____
NOTARY PUBLIC

O.R. BOOK 1504 PAGE 2324

Two Witnesses

SOUTHLAKE UTILITIES, INC.

By: Robert L. Chapman, III
Robert L. Chapman, III,
President

STATE OF FLORIDA
COUNTY OF LAKE

The foregoing instrument was acknowledged before me this ____ day of March, 1997, by ROBERT L. CHAPMAN, JR. (II), and ELISABETH T. CHAPMAN, his wife, who are personally known to me or produced _____ as identification.

(SEAL)

NOTARY PUBLIC/STATE OF FLORIDA

STATE OF South Carolina
COUNTY OF Beaufort

The foregoing instrument was acknowledged before me this 22 day of March, 1997, by Robert L. Chapman, III, as President of SOUTHLAKE UTILITIES, INC., a Florida corporation, on behalf of said corporation. He is personally known to me or produced Florida DL # C 155-777-46-459-0 as identification.

(SEAL)

NOTARY PUBLIC
My commission Expires
July 1 2002

O.R. BOOK 1529 PAGE 1183

97 44700

REC 21.00
TF 3.00

SECOND AMENDMENT TO LEASE

THIS Second Amendment To Lease (hereinafter sometimes referred to as the "Second Amendment"), made and entered into this 27th day of June, 1997, by and between SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership (hereinafter sometimes referred to as "Lessor"); and SOUTHLAKE UTILITIES, INC., a Florida corporation (hereinafter sometimes referred to as "Lessee"),

W I T N E S S E T H:

WHEREAS, the parties hereto presently are also respectively the Lessor and Lessee under that certain Lease For Ninety-Nine Years as recorded among the current public records of Lake County, Florida in Official Records Book 1316, Page 350, as amended by that certain First Amendment Of Lease recorded in Official Records 1504, Page 2321, and as then assigned by that certain Assignment Of Lease as recorded in Official Records Book 1521, Page 1081 (hereinafter sometimes collectively referred to in the singular as the "Lease"); and

WHEREAS, the parties hereto wish to amend and modify the Lease so as to correct two errors in the attached legal description by virtue of this Second Amendment; and

NOW, THEREFORE, in consideration of the premises and the mutual covenants, agreements, conditions, and warranties of the parties to the Lease and this Second Amendment, it is hereby covenanted and agreed by and between the parties as follows:

1. The Lease is hereby amended and modified as of the effective date hereof as follows:

(a) To correct the Legal Description for the Water Treatment Plant Parcel which is identified as such on Exhibit "A" attached thereto as follows:

Prepared by:

William J. Deas, Esquire
William J. Deas, P.A.
2215 River Boulevard
Jacksonville, Florida 32204

Return to:

William J. Deas, Esquire
William J. Deas, P.A.
2215 River Boulevard
Jacksonville, Florida 32204

LAW OFFICE
[W]ILLIAM J. DEAS, P.A.
[22]15 RIVER BOULEVARD
[JAC]KSONVILLE, FL 32204

(i) To add in the ninth line of such Legal Description after the call which ends "...S.20°35'59"E. 55.84 feet..." the following new call "...thence N.89°49'01"E., 135 feet"

(ii) To correct the bearing at the beginning of the eleventh line of such Legal Description from the incorrect bearing of "N.01°11'59"W." to the correct bearing of "N.00°11'59"W."

2. Except as are herein amended or modified, all of the terms, conditions, covenants, agreements, representations, and warranties of the Lease are and shall remain in full force and effect.

3. The parties hereto, by their respective executions hereof, hereby represent and warrant to the other party hereto, that, to the best of their respective information and belief, the Lease is not in default as of the date hereof.

4. It is specifically understood and agreed that no person, firm, or other legal entity shall be a third party beneficiary hereunder, and that none of the provisions of this Second Amendment shall be for the benefit of, or be enforceable by, anyone other than the parties hereto, and that only the parties hereto and their permitted assignees shall have any rights hereunder.

5. This Second Amendment shall not become effective or binding until it has been executed by all parties hereto, and shall be dated for purposes hereof as of the date of execution of Lessor.

6. This Second Amendment shall be construed under the laws of the State Of Florida, regardless of its place of execution or delivery.

7. This Second Amendment shall not be construed more strongly against either party hereto, regardless of who was more responsible for its preparation.

8. This Second Amendment shall not be amended or modified, except in the same fashion and with the same requirements as an amendment to the Lease.

LAW OFFICE
WILLIAM J. DEAS, P.A.
215 RIVER BOULEVARD
JACKSONVILLE, FL 32204

9. This Second Amendment shall be binding only upon and shall inure only to the benefit of the parties hereto and their legal representatives, successors, and assigns, as applicable. Any party hereto may be released from any obligation or agreement hereunder only by a written agreement of the other party specifically providing for such release.

10. This Second Amendment may be executed in any number of counterparts, each of which, when executed and delivered, shall be deemed to be an original instrument, but such counterparts shall together constitute one and the same instrument.

11. Whenever used herein, the terms "Lessor", and "Lessee" shall include masculine, feminine, neuter, singular and/or plural, as the context so admits or requires.

IN WITNESS WHEREOF, the parties hereto have executed this Second Amendment, the day and year first above written.

Signed and sealed in the presence of:

SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership

By: SOUTHLAKE HOLDING, INC., a Florida corporation, as its sole General Partner

Signature of Witness

William J Deas

Typed or Printed Name of Witness

Andrea Zimmermann

Signature of Witness

Andrea Zimmermann

Typed or Printed Name of Witness

By: _____
Geoffrey Cagan, as its President

(Corporate Seal)

LAW OFFICE
WILLIAM J. DEAS, P.A.
215 RIVER BOULEVARD
JACKSONVILLE, FL 32204

SOUTHLAKE UTILITIES, INC., a Florida corporation

By: _____
Jeffrey Cagan, as its Vice President

(Corporate Seal)

_____
Signature of Witness

William J Deas
Typed or Printed Name of Witness

Andrea Zimmermann
Signature of Witness

ANDREA ZIMMERMANN
Typed or Printed Name of Witness

STATE OF ~~ILLINOIS~~ FLORIDA
COUNTY OF ~~COOK~~ LAKE

The foregoing instrument was acknowledged before me this 21st day of June, 1997, by Jeffrey Cagan, as President of SOUTHLAKE HOLDING, INC., a Florida corporation, as the sole General Partner of SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership, on behalf of the Corporation and of the Partnership, who is personally known to me (or who has produced _____ as identification).

Andrea Zimmermann
Signature of person taking acknowledgment

Andrea Zimmermann
Name typed, printed or stamped

NOTARY PUBLIC STATE OF FLORIDA Andrea Zimmermann My Commission CC614007 Expires January 15 2001

January 15, 2001
Commission expiration date

N/A
Title or rank

N/A
Serial number, if any

LAW OFFICE
LLIAN J. DEAS, P.A.
35 RIVER BOULEVARD
CKSONVILLE, FL 32204

STATE OF ~~ILLINOIS~~ FLORIDA
COUNTY OF ~~COOK~~ LAKE

The foregoing instrument was acknowledged before me this 27th day of June, 1997, by Jeffrey Cagan, as Vice President of SOUTHLAKE UTILITIES, INC., a Florida corporation, on behalf of the Corporation, who is personally known to me (or who has produced _____ as identification).

Andrea Zimmermann
Signature of person taking acknowledgment

ANDREA ZIMMERMANN
Name typed, printed or stamped

January 15, 2001
Commission expiration date

Andrea Zimmermann
My Commission CC614007
Expires January 15 2001

N/A
Title or rank

N/A
Serial number, if any

S:\SOU\2000-154\AAG/dgf
6/9/97

LAW OFFICE
WILLIAM J. DEAS, P.A.
215 RIVER BOULEVARD
JACKSONVILLE, FL 32204

Doc# 99004783
Page: 1680 - 375
Filed & Recorded
01/20/99 03:19:23 PM
JAMES C. WATKINS
CLERK OF CIRCUIT COURT
LAKE COUNTY
RECORDING $ 37.00
TRUST FUND $ 5.00

THIRD AMENDMENT TO LEASE

THIS THIRD AMENDMENT TO LEASE (hereinafter sometimes referred to as the "Third Amendment"), made and entered into this 12 day of December, 1998, by and between SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership (hereinafter sometimes referred to as "Lessor"); and SOUTHLAKE UTILITIES, INC., a Florida corporation (hereinafter sometimes referred to as "Lessee"),

W I T N E S S E T H:

Book 1680, Page 367

WHEREAS, the parties hereto presently are also the Lessor and Lessee, respectively, under that certain Lease For Ninety-Nine Years as recorded in Official Records Book 1316, Page 350 [NOTE: All recording references herein are to the current public records of Lake County, Florida], as first amended by that certain First Amendment Of Lease recorded in Official Records 1504, Page 2321, as then assigned by that certain Assignment Of Lease as recorded in Official Records Book 1521, Page 1081, and as subsequently amended by that certain Second Amendment To Lease recorded in Official Records Book 1529, Page 1183 (hereinafter sometimes collectively referred to in the singular as the "Lease"); and

WHEREAS, the parties hereto wish to amend and modify the Lease in certain aspects; and

NOW, THEREFORE, in consideration of the premises and the mutual covenants, agreements, conditions, and warranties of the parties to the Lease and this Third Amendment, it is hereby covenanted and agreed by and between the parties as follows:

Prepared by:

William J. Deas, Esquire
William J. Deas, P.A.
2215 River Boulevard
Jacksonville, Florida 32204

Return to:

William J. Deas, Esquire
William J. Deas, P.A.
2215 River Boulevard
Jacksonville, Florida 32204

LAW OFFICE
WILLIAM J. DEAS, P.A.
2215 RIVER BOULEVARD
JACKSONVILLE, FL 32204

1. The Lease is hereby amended and modified as of the effective date hereof as follows:

(a) The following two new provisions are hereby added to the end of the Lease:

"Lessee shall have the right, at its sole option upon the expiration of the basic Ninety-Nine Year term hereof, to purchase the property herein leased from Lessor for the sum of $1,000.00 cash. This purchase right option of Lessee must be exercised by written notice of such from Lessee to Lessor no sooner than ninety (90) days prior nor later than thirty (30) days prior to the expiration of the normal term of the Lease. Title to said leased property shall be conveyed by Lessor to Lessee by Special Warranty Deed subject to all covenants, restrictions, and easements of record, and all ad valorem taxes due thereon. Lessee shall bear any and all costs of such conveyance."

"Anything herein notwithstanding to the contrary, Lessee shall not have the right to utilize the leased premises for any sign purposes other than directional or identification signs reasonably requested for its own business purposes."

(b) The old Legal Description of the Water Tank Parcel as described in Exhibit "A" to the Lease is hereby deleted.

(c) The description of the property leased as described in Exhibit "A" to the Lease is expanded to include the new Well Head Lease Parcel as described in Exhibit "1" attached hereto, together with the new Water Treatment Plant Supplemental Parcel which is described in Exhibit "2" attached hereto.

2. Except as are herein amended or modified, all of the terms, conditions, covenants, agreements, representations, and warranties of the Lease are and shall remain in full force and effect, specifically including, but not limited to, the rent payments contemplated therein.

3. The parties hereto, by their respective executions hereof, hereby represent and warrant to the other party hereto, that, to the best of their respective information and belief, the Lease is not in default as of the date hereof.

4. It is specifically understood and agreed that no person, firm, or other legal entity shall be a third party beneficiary hereunder, and that none of the provisions of this Third Amendment shall be for the benefit of, or be enforceable by, anyone other than the parties hereto, and that only the parties hereto and their permitted assignees shall have any rights hereunder.

LAW OFFICE
ILLIAM J. DEAN, P.A.
215 RIVER BOULEVARD
ORNVILLE, FL 32304

5. This Third Amendment shall not become effective or binding until it has been executed by all parties hereto, and shall be dated for purposes hereof as of the date of execution of Lessor.

6. This Third Amendment shall be construed under the laws of the State Of Florida, regardless of its place of execution or delivery.

7. This Third Amendment shall not be construed more strongly against either party hereto, regardless of who was more responsible for its preparation.

8. This Third Amendment shall not be amended or modified, except in the same fashion and with the same requirements as an amendment to the Lease.

9. This Third Amendment shall be binding only upon and shall inure only to the benefit of the parties hereto and their legal representatives, successors, and assigns, as applicable. Any party hereto may be released from any obligation or agreement hereunder only by a written agreement of the other party specifically providing for such release.

10. This Third Amendment may be executed in any number of counterparts, each of which, when executed and delivered, shall be deemed to be an original instrument, but such counterparts shall together constitute one and the same instrument.

11. Whenever used herein, the terms "Lessor", and "Lessee" shall include masculine, feminine, neuter, singular and/or plural, as the context so admits or requires.

IN WITNESS WHEREOF, the parties hereto have executed this Third Amendment, the day and year first above written.

LAW OFFICE
ELIAN J. DEAN, P.A.
115 RIVER BOULEVARD
JACKSONVILLE, FL 32204

Signed and sealed in the presence of:

Signature of Witness

Typed or Printed Name of Witness

Signature of Witness

IVANKA VASILJ
Typed or Printed Name of Witness

SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership

By: SOUTHLAKE HOLDING, INC., a Florida corporation, as its sole General Partner

By: _____
Jeffrey Cagan, as its President

(Corporate Seal)

Lynne R. Fish
Signature of Witness

Lynne R. Fish
Typed or Printed Name of Witness

Walter Daniels
Signature of Witness

Walter Daniels
Typed or Printed Name of Witness

SOUTHLAKE UTILITIES, INC., a Florida corporation

By: Robert L. Chapman
Robert L. Chapman, III, as its President

(Corporate Seal)

LAW OFFICE
LILIAN J. DEAS, P.A.
[illegible] RIVER BOULEVARD
[illegible]SONVILLE, FL 32204

STATE OF Illinois
COUNTY OF Cook

The foregoing instrument was acknowledged before me this 7th day of December, 1998, by Jeffrey Cagan, as President of SOUTHLAKE HOLDING, INC., a Florida corporation, as the sole General Partner of SOUTHLAKE DEVELOPMENT, LTD., a Florida limited partnership, on behalf of the Corporation and of the Partnership, who is personally known to me ~~(or who has produced _____ as identification)~~.

Signature of person taking acknowledgment

Name typed, printed or stamped

Commission expiration date

Notary Public
Title or rank

Serial number, if any

OFFICIAL SEAL
SANDY C WANG
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES:09/23/01

MEMO: Legibility of writing typing or printing unsatisfactory in this document.

STATE OF ~~NORTH~~ Florida
COUNTY OF Duval

The foregoing instrument was acknowledged before me this 23 day of Dec, 1998, by ROBERT L. CHAPMAN, III, as President of SOUTHLAKE UTILITIES, INC., a Florida corporation, on behalf of the Corporation, who is personally known to me (or who has produced _____ as identification).

Signature of person taking acknowledgment

Name typed, printed or stamped

Commission expiration date

Title or rank

Serial number, if any

WILLIAM J. DEAS
MY COMMISSION # CC 640787
EXPIRES August 14, 2001
Bonded Thru Notary Public Underwriters

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10/26/98

LAW OFFICE
LUIAN J. DEAS, P.A.
76 RIVER BOULEVARD
JACKSONVILLE, FL 32204

EXHIBIT "1"

THAT CERTAIN PIECE, PARCEL, OR TRACT OF LAND, LYING, BEING AND SITUATE IN LAKE COUNTY, FLORIDA; AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

That part of Section 35, Township 24 South, Range 26 East, Lake County, Florida, described as follows:

Commence at the Northwest corner of the Northeast 1/4 of Section 35, Township 24 South, Range 26 East and run N 89°42'18" E along the North Line of said Northeast 1/4 for a distance of 355.86 feet; thence run S 00°17'42" E for a distance of 13.69 feet to the POINT OF BEGINNING; thence run N 89°42'18" E for a distance of 10.00 feet; thence run S 00°17'42" E for a distance of 10.00 feet; thence run S 89°42'18" W for a distance of 10.00 feet; thence run N 00°17'42" W for a distance of 10.00 feet to the POINT OF BEGINNING.

[WELL HEAD LEASE PARCEL - JOB #1]

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9/30/98

LAW OFFICE
LILIAN J. DEAN, P.A.
115 RIVER BOULEVARD
JACKSONVILLE, FL 32204

EXHIBIT "2"

THAT CERTAIN PIECE, PARCEL, OR TRACT OF LAND, LYING, BEING AND SITUATE IN LAKE COUNTY, FLORIDA; AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

That part of Section 35, Township 24 South, Range 26 East, Lake County, Florida, described as follows:

Commence at the Northeast corner of Section 35, Township 24 South, Range 26 East and run S 89°42'18" W along the North line of the Northeast 1/4 of said Section 35 for a distance of 1308.05 feet to the POINT OF BEGINNING; thence continue S 89°42'18" W along said line for a distance of 122.03 feet; thence run S 00°18'42" E along the East line of lands described in Official Records Book 1316, Page 350, as amended in Official Records Book 1529, Page 1183, of the Public Records of Lake County, Florida, for a distance of 287.68 feet; thence run S 00°11'59" E along said line for a distance of 120.30 feet to the Southeast corner of said lands; thence run N 89°48'01" E for a distance of 122.26 feet; thence run N 00°18'42" W for a distance of 408.18 feet to the POINT OF BEGINNING.

[SECOND REVISED WATER TREATMENT PLANT SUPPLEMENTAL PARCEL - JOB #7]

LAW OFFICE
LLIAM J. DEAN, P.A.
16 RIVER BOULEVARD
KSONVILLE, FL 32204

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11/18/98

JOINDER AND CONSENT

Robert L. Chapman, Jr. and Elizabeth T. Chapman, his Wife ("Mortgagee"), being the present owner and holder of the Purchase Money Mortgage And Security Agreement recorded in Official Records Book 1521, Page 1054, and the companion Financing Statement recorded in Official Records Book 1521, Page 1106 (collectively the "Mortgage") [All recording references herein are to the current public records of Lake County, Florida], hereby join in and consent to the above and foregoing Third Amendment To Lease (the "Amendment") for purposes of ratifying and confirming such and agreeing that the lien, Security Agreement, force, effect and priority of the Mortgage shall be subject to the Amendment with the same force and effect as if the Amendment had been executed and recorded prior to the recordation of the Mortgage.

IN WITNESS WHEREOF, Robert L. Chapman, Jr. and Elizabeth T. Chapman, his Wife, has caused this Joinder And Consent to be executed this 12th day of December, 1998.

Signed and sealed in the presence of:

Signature of Witness

Printed Name of Witness

Signature of Witness

Printed Name of Witness

Robert L. Chapman, Jr.

Signature of Witness

Printed Name of Witness

Signature of Witness

Printed Name of Witness

Elizabeth T. Chapman

LAW OFFICE
WILLIAM J. DEAN, P.A.
225 RIVER BOULEVARD
JACKSONVILLE, FL 32204

MEMO: Legibility of writing, typing or printing unsatisfactory in this document.

STATE OF GEORGIA
COUNTY OF DOUGHERTY

The foregoing instrument was acknowledged before me this 12th day of December, 1998, by Robert L. Chapman, Jr. as one of the present owners and holders of the Purchase Money Mortgage And Security Agreement, who is personally known to me (or who has produced _____ as identification).

Brenda C. Conley
Signature of person taking acknowledgment

BRENDA C. CONLEY
Name typed, printed or stamped

JANUARY 5, 2002
Commission expiration date

NOTARY PUBLIC DOUGHERTY COUNTY GEORGIA
Title or rank

Serial number, if any

STATE OF GEORGIA
COUNTY OF DOUGHERTY

The foregoing instrument was acknowledged before me this 12th day of December, 1998, by Elizabeth T. Chapman as one of the present owners and holders of the Purchase Money Mortgage And Security Agreement, who is personally known to me (or who has produced _____ as identification).

Brenda C. Conley
Signature of person taking acknowledgment

BRENDA C. CONLEY
Name typed, printed or stamped

JANUARY 5, 2002
Commission expiration date

NOTARY PUBLIC DOUGHERTY CO. GEORGIA
Title or rank

Serial number, if any

F:\DOCS\SOU\2000-137\CONS.WPD/jmo
11/30/98

LAW OFFICE
WILLIAM J. DEAS, P.A.
225 RIVER BOULEVARD
JACKSONVILLE, FL 32204

Southlake Utilities, Inc.
2007 Water/Wastewater Chemical Usage

2007 Water Treatment Plant

Month	Chemical Used	Qty Purchased	Unit Price	Dollar Amount	Dosage Rate	Fuel Surcharge
Jan-07	Sodium Hypochlorite 12.5%	1835	$1.09	$2,000.15	Avg 1.0 mg/L Demand CL2 System	$45.00
Feb-07	Sodium Hypochlorite 12.5%	1610	$1.09	$1,754.90	Avg 1.0 mg/L Demand CL2 System	$36.00
Mar-07	Sodium Hypochlorite 12.5%	1085	$1.09	$1,182.65	Avg 1.0 mg/L Demand CL2 System	$36.00
Apr-07	Sodium Hypochlorite 12.5%	1725	$1.09	$1,880.25	Avg 1.0 mg/L Demand CL2 System	$36.00
May-07	Sodium Hypochlorite 12.5%	2020	$1.09	$2,201.80	Avg 1.0 mg/L Demand CL2 System	$45.00
Jun-07	Sodium Hypochlorite 12.5%	1910	$1.09	$2,081.90	Avg 1.0 mg/L Demand CL2 System	$36.00
Jul-07	Sodium Hypochlorite 12.5%	1855	$1.09	$2,021.95	Avg 1.0 mg/L Demand CL2 System	$36.00
Aug-07	Sodium Hypochlorite 12.5%	2690	$1.09	$2,932.10	Avg 1.0 mg/L Demand CL2 System	$45.00
Sep-07	Sodium Hypochlorite 12.5%	1865	$1.09	$2,032.85	Avg 1.0 mg/L Demand CL2 System	$36.00
Oct-07	Sodium Hypochlorite 12.5%	2420	$1.09	$2,637.80	Avg 1.0 mg/L Demand CL2 System	$45.00
Nov-07	Sodium Hypochlorite 12.5%	1660	$1.09	$1,809.40	Avg 1.0 mg/L Demand CL2 System	$36.00
Dec-07	Sodium Hypochlorite 12.5%	1920	$1.09	$2,092.80	Avg 1.0 mg/L Demand CL2 System	$36.00
	TOTAL	22595		$24,628.55		$468.00

2007 WasteWater Treatment Plant

Month	Chemical Used	Qty Purchased	Unit Price	Dollar Amount	Dosage Rate	Fuel Surcharge
Jan-07	Sodium Hypochlorite 12.5%	1640	$1.09	$1,787.60	Avg 1.0 mg/L Demand CL2 System	$45.00
	Calcium Hypochlorite Granular	2	$135.00	$270.00		
Feb-07	Sodium Hypochlorite 12.5%	855	$1.09	$931.95	Avg 1.0 mg/L Demand CL2 System	$36.00
Mar-07	Sodium Hypochlorite 12.5%	755	$1.09	$822.95	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	2	$135.00	$270.00		
Apr-07	Sodium Hypochlorite 12.5%	1390	$1.09	$1,515.10	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	2	$135.00	$270.00		
May-07	Sodium Hypochlorite 12.5%	1365	$1.09	$1,487.85	Avg 1.0 mg/L Demand CL2 System	$36.00
Jun-07	Sodium Hypochlorite 12.5%	1280	$1.09	$1,395.20	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	2	$135.00	$270.00		
Jul-07	Sodium Hypochlorite 12.5%	1755	$1.09	$1,912.95	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	4	$135.00	$540.00		
Aug-07	Sodium Hypochlorite 12.5%	1705	$1.09	$1,858.45	Avg 1.0 mg/L Demand CL2 System	$45.00
	Calcium Hypochlorite Granular	3	$135.00	$405.00		
Sep-07	Sodium Hypochlorite 12.5%	1845	$1.09	$2,011.05	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	1	$135.00	$135.00		
Oct-07	Sodium Hypochlorite 12.5%	2620	$1.09	$2,855.80	Avg 1.0 mg/L Demand CL2 System	$45.00
	Calcium Hypochlorite Granular	1	$135.00	$135.00		
Nov-07	Sodium Hypochlorite 12.5%	1960	$1.09	$2,136.40	Avg 1.0 mg/L Demand CL2 System	$36.00
Dec-07	Sodium Hypochlorite 12.5%	1305	$1.09	$1,422.45	Avg 1.0 mg/L Demand CL2 System	$36.00
	Calcium Hypochlorite Granular	3	$135.00	$405.00		
	TOTAL	18495		$22,837.75		$459.00

SouthLake WTP

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Tri-Tech Laboratories
Project Name: 05-04-13-1

Report No.: A051277
Date/Time Received: 4/13/05 16:00

Lab Code: A051277-02
Client Sample ID: 2
Site: 05-04-416-1
Matrix: Water

Date/Time Sampled: 4/13/2005 11:15
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
MBAS, as LAS, mol. wt. 320g	1	0.065	0.26	0.065	mg/L	U	E425.1		J
Total Dissolved Solids	1	10	10	180	mg/L		E160.1		J

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Lab Code: A051277-03
Client Sample ID: 3
Site: 05-04-416-1
Matrix: Water

Date/Time Sampled: 4/13/2005 11:15
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	0.0034	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	0.0069	ug/L	U	E504.1		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	112		E504.1	

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Tri-Tech Laboratories
Project Name: 05-04-13-1

Report No.: A051277
Date/Time Received: 4/13/05 16:00

Lab Code: A051277-05
Client Sample ID: 5
Site: 05-04-416-1
Matrix: Water

Date/Time Sampled: 4/13/2005 11:15
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Disinfection Byproducts

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Bromodichloromethane	1	0.38	1.5	3.4	ug/L		E502.2		J
Bromoform	1	0.36	1.4	0.36	ug/L	U	E502.2		J
Chloroform	1	0.31	1.2	12	ug/L		E502.2		J
Dibromochloromethane	1	0.28	1.1	1.6	ug/L		E502.2		J

Volatile Organics

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1-Trichloroethane	1	0.33	1.3	0.33	ug/L	U	E502.2		J
1,1,2-Trichloroethane	1	0.32	1.3	0.32	ug/L	U	E502.2		J
1,1-Dichloroethene	1	0.21	0.84	0.21	ug/L	U	E502.2		J
1,2,4-Trichlorobenzene	1	0.20	0.80	0.20	ug/L	U	E502.2		J
1,2-Dichlorobenzene	1	0.26	1.0	0.26	ug/L	U	E502.2		J
1,2-Dichloroethane	1	0.22	0.88	0.22	ug/L	U	E502.2		J
1,2-Dichloropropane	1	0.22	0.88	0.22	ug/L	U	E502.2		J
1,4-Dichlorobenzene	1	0.11	0.44	0.11	ug/L	U	E502.2		J
Benzene	1	0.21	0.84	0.21	ug/L	U	E502.2		J
Carbon Tetrachloride	1	0.31	1.2	0.31	ug/L	U	E502.2		J
Chlorobenzene	1	0.18	0.72	0.18	ug/L	U	E502.2		J
Cis-1,2-dichloroethene	1	0.20	0.80	0.20	ug/L	U	E502.2		J
Ethylbenzene	1	0.15	0.60	0.15	ug/L	U	E502.2		J
Methylene Chloride	1	0.44	1.8	0.44	ug/L	U	E502.2		J
Styrene	1	0.14	0.56	0.14	ug/L	U	E502.2		J
Tetrachloroethene	1	0.31	1.2	0.31	ug/L	U	E502.2		J
Toluene	1	0.10	0.40	0.10	ug/L	U	E502.2		J
Trans-1,2-dichloroethene	1	0.27	1.1	0.27	ug/L	U	E502.2		J
Trichloroethene	1	0.28	1.1	0.28	ug/L	U	E502.2		J
Vinyl Chloride	1	0.29	1.2	0.29	ug/L	U	E502.2		J
Xylenes (Total)	1	0.50	2.0	0.50	ug/L	U	E502.2		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
1-Bromo-2-Chloroethane	70 - 136	98		E502.2	METHOD
1-Bromo-4-chlorobenzene	70 - 135	90		E502.2	METHOD
2-Bromo-1-chloropropane	70 - 135	106		E502.2	METHOD

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Tri-Tech Laboratories
Project Name: 05-04-13-1

Report No.: A051277
Date/Time Received: 4/13/05 16:00

Lab Code: A051277-06
Client Sample ID: 6
Site: 05-04-416-1
Matrix: Water

Date/Time Sampled: 4/13/2005 11:15
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0070	0.028	**0.0070**	mg/L	U	E200.7		J
Barium	1	0.0025	0.010	**0.024**	mg/L		E200.7		J
Cadmium	1	0.00021	0.00084	**0.00021**	mg/L	U	E200.7		J
Chromium	1	0.00016	0.00064	**0.00067**	mg/L		E200.7		J
Copper	1	0.00096	0.0038	**0.0072**	mg/L		E200.7		J
Iron	1	0.016	0.064	**0.068**	mg/L		E200.7		J
Lead	1	0.00092	0.0037	**0.00092**	mg/L	U	E200.7		J
Manganese	1	0.00022	0.00088	**0.0071**	mg/L		E200.7		J
Selenium	1	0.0058	0.023	**0.0058**	mg/L	U	E200.7		J
Silver	1	0.0019	0.0076	**0.0031**	mg/L	I , V	E200.7		J
Sodium	1	0.0084	0.034	**6.4**	mg/L		E200.7		J
Zinc	1	0.0072	0.029	**0.0072**	mg/L	U	E200.7		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000020	0.000080	**0.000020**	mg/L	U	E245.1		J

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U The compound was analyzed for but not detected.
V Indicates that the analyte was detected in both the sample and the associated method blank.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Lab Code: A051277-07
Client Sample ID: 7
Site: 05-04-416-1
Matrix: Water

Date/Time Sampled: 4/13/2005 11:15
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Fluoride	1	0.061	0.25	**0.093**	mg/L	I	SM4500F-C		T
Nitrate (as N)	1	0.027	0.11	**0.082**	mg/L	I	SM4500NO3-F		T
Sulfate (as SO4)	1	1.4	5.5	**10**	mg/L		E375.4		T
Total Chlorides	1	1.3	5.2	**13**	mg/L		E325.1		T
Total Hardness (as CaCO3)	1	5.0	20	**140**	mg/L		SM2340C		T

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Tri-Tech Laboratories
Project Name: 05-04-13-1

Report No.: A051277
Date/Time Received: 4/13/05 16:00

Sample Cross Reference Information

Lab Code: A051277-01 **Site:** 05-04-416-1
Client Sample Number: 1 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Synthetic Organics	E525.2	NONE					
Synthetic Organics	E515.1	NONE					
Synthetic Organics	E508.1	NONE					

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: A051277-02 **Site:** 05-04-416-1
Client Sample Number: 2 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
MBAS, as LAS, mol. wt. 320g	E425.1	NONE	WCJ-041505-MBAS	4/15/2005 10:20	AA		
Total Dissolved Solids	E160.1	NONE	wcj-041805-tds	4/18/2005 14:00	AK		

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: A051277-03 **Site:** 05-04-416-1
Client Sample Number: 3 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ethylene Dibromide	E504.1	NONE	sv041805f-ecd	4/18/2005 18:17	KB	oe041505edb	4/15/2005

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: A051277-04 **Site:** 05-04-416-1
Client Sample Number: 4 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Gross Alpha	E900	NONE					
Radium 226	903.1	NONE					
Radium 228	EPA Ra-05	NONE					

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: A051277-05 **Site:** 05-04-416-1
Client Sample Number: 5 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Disinfection Byproducts	E502.2	METHOD	v042205c	4/22/2005 14:43	BB		
Volatile Organics	E502.2	METHOD	v042005c	4/20/2005 21:44	BB		

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: A051277-06 **Site:** 05-04-416-1
Client Sample Number: 6 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Total Metals	E200.7	METHOD	M041405-ICP-1	4/15/2005 10:20	CDC	M041405-ICP-1	4/14/2005 9:10:0
Total Metals (Hg)	E245.1	METHOD	M041805-HG-1	4/18/2005 13:14	BCM	M041605-HG-1	4/18/2005 9:55:0

If the Analytical Batch ID and Prep Batch IDIs null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Tri-Tech Laboratories
Report No.: A051277
Project Name: 05-04-13-1
Date/Time Received: 4/13/05 16:00
Lab Code: A051277-07
Site: 05-04-416-1
Client Sample Number: 7
Matrix: Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Fluoride	SM4500F-C	NONE	wet050305fl	5/3/2005 10:00	JH		
Nitrate (as N)	SM4500NO3-F	NONE	wet041405no3-1	4/14/2005 13:51	AJ		
Sulfate (as SO4)	E375.4	NONE	WCT042105SO4	4/21/2005 9:50	CG		
Total Chlorides	E325.1	NONE	wet041805chl	4/18/2005 10:38	CG		
Total Hardness (as CaCO3)	SM2340C	NONE	wet042105hard	4/21/2005 10:55	TMO		

If the Analytical Batch ID and Prep Batch IDis null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Florida Radiochemistry Services, Inc.

Contact: Michael J. Naumann
5456 Hoffner Ave., Suite 201 Orlando, FL 32812
Phone: (407) 382-7733 Fax: (407)382-7744
Certification I. D. # E83033

Work Order #: 0504217
Report Date: 04/26/05

Report to:

Advanced Environmental Laboratories, Inc.
528 South North Lake Blvd., S
Altamonte Springs, FL 32701
Attention: Myrna Santiago

I do hereby affirm that this record contains no willful misrepresentations and that this information given by me is true to the best of my knowledge and belief. I further certify that the methods and quality control measures used to produce these laboratory results were implemented in accordance with the requirements of this laboratory's certification and NELAC Standards.

Signed Michael J. Naumann Date 4-26-05
Michael J. Naumann - President

2.9

Florida Radiochemistry Services, Inc.

Sample Login

Client:	**Advanced Environmental Laboratories, Inc.**	**Date / Time Received**	**Work order #**
		04/15/05 10:38	**0504217**
Client Contact:	**Myrna Santiago**		
Client P.O.			
Project I.D.	**A051277**		

Lab Sample I.D.	Client Sample I.D.	Sample Date/Time	Analysis Requested
0504217-01	A051277-04	04/13/05 11:15	Ga, Ra226, Ra228

Analysis Results

Gross Alpha	**2.4**
Error +/-	**1.6**
MDL	**2.0**
EPA Method	**900.0**
Prep Date	**04/21/05**
Analysis Date	**04/22/05**
Analyst	**MJN**

Radium 226	**0.6**	**Radium 228**	**<1.0**
Error +/-	**0.2**	**Error +/-**	**0.6**
MDL	**0.2**	**MDL**	**1.0**
EPA Method	**903.1**	**EPA Method**	**Ra-05**
Prep Date	**04/18/05**	**Prep Date**	**04/18/05**
Analysis Date	**04/25/05**	**Analysis Date**	**04/22/05**
Analyst	**MJN**	**Analyst**	**PJ**
Units	**pCi/l**	**Units**	**pCi/l**

Florida Radiochemistry Services, Inc.

QA Page

Analyte	Sample #	Date Analyzed	Sample Result	Amount Spiked	Spike Result	Spike /Dup Result	Spike % Rec.	Spike Dup % Rpd
Gross Alpha	0504268-01	04/22/05	<0.8	10.2	11.0	10.7	108	2.8
Radium 226	0504216-04	04/25/05	6.4	25.2	30.8	30.7	97	0.3
Radium 228	0504216-04	04/22/05	<0.9	9.4	9.8	9.4	104	4.2

	Quality Control Limits	
	% RPD	% Rec.
Gross Alpha	18.1	68-116
Radium 226	24.8	67-125
Radium 228	24.0	70-125

SOUTHERN ANALYTICAL LABORATORIES, INC.

[illegible]

Advanced Environmental Laboratories, Inc.
A051277
Sample ID: A051277-01

April 26, 2005
Sample No.: 50048.01
PWS ID: _____

Synthetic Organics
62-550.310(4)(b)

Contaminant ID	Contaminant Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL **	Extraction Date	Analysis Date	Analysis Time	DOH Lab Certification#
2005	Endrin	2	µg/L	0.1	U	EPA 525.2	0.1	0.01	04/21/05	04/22/05	20:46	E84129
2010	Lindane	0.2	µg/L	0.06	U	EPA 525.2	0.06	0.02	04/21/05	04/22/05	20:46	E84129
2015	Methoxychlor	40	µg/L	0.05	U	EPA 525.2	0.05	0.1	04/21/05	04/22/05	20:46	E84129
2020	Toxaphene	3	µg/L	0.5	U	EPA 508.1	0.5	1	04/21/05	04/22/05	20:39	E84129
2031	Dalapon	200	µg/L	1	U	EPA 515.3	1	1	04/25/05	04/25/05	23:03	E84129
2035	Di(2-ethylhexyl)adipate	400	µg/L	0.3	U	EPA 525.2	0.3	0.6	04/21/05	04/22/05	20:46	E84129
2037	Simazine	4	µg/L	0.07	U	EPA 525.2	0.07	0.07	04/21/05	04/22/05	20:46	E84129
2039	Di(2-ethylhexyl)phthalate	6	µg/L	1.0	U	EPA 525.2	1.0	0.6	04/21/05	04/22/05	20:46	E84129
2040	Picloram	500	µg/L	0.75	U	EPA 515.3	0.75	0.1	04/25/05	04/25/05	23:03	E84129
2041	Dinoseb	7	µg/L	0.5	U	EPA 515.3	0.5	0.2	04/25/05	04/25/05	23:03	E84129
2042	Hexachlorocyclopentadiene	50	µg/L	0.2	U	EPA 525.2	0.2	0.1	04/21/05	04/22/05	20:46	E84129
2050	Atrazine	3	µg/L	0.06	U	EPA 525.2	0.06	0.1	04/21/05	04/22/05	20:46	E84129
2051	Alachlor	2	µg/L	0.2	U	EPA 525.2	0.2	0.2	04/21/05	04/22/05	20:46	E84129
2065	Heptachlor	0.4	µg/L	0.08	U	EPA 525.2	0.08	0.04	04/21/05	04/22/05	20:46	E84129
2067	Heptachlor Epoxide	0.2	µg/L	0.1	U	EPA 525.2	0.1	0.02	04/21/05	04/22/05	20:46	E84129
2105	2,4-D	70	µg/L	1	U	EPA 515.3	1	0.1	04/25/05	04/25/05	23:03	E84129
2110	2,4,5-TP (Silvex)	50	µg/L	0.25	U	EPA 515.3	0.25	0.2	04/25/05	04/25/05	23:03	E84129
2274	Hexachlorobenzene	1	µg/L	0.05	U	EPA 525.2	0.05	0.1	04/21/05	04/22/05	20:46	E84129
2306	Benzo(a)pyrene	0.2	µg/L	0.1	U	EPA 525.2	0.1	0.02	04/21/05	04/22/05	20:46	E84129
2326	Pentachlorophenol	1	µg/L	0.1	U	EPA 515.3	0.1	0.04	04/25/05	04/25/05	23:03	E84129
2383	(PCBs)	0.5	µg/L	0.2	U	EPA 508.1	0.2	0.1	04/21/05	04/22/05	20:39	E84129
2959	Chlordane	2	µg/L	0.05	U	EPA 508.1	0.05	0.2	04/21/05	04/22/05	20:39	E84129

* **Qualifiers:**

U — Analyte was undetected. Indicated concentration is method detection limit.

** Non-detects with a reported lab MDL <50% of the MCL are acceptable for compliance with 62-550.310(4)(h)

Tri-Tech Laboratories, Inc.
P.O. Box P.O. Box 140966
Orlando, Florida 32814-0966
(407)275-8463 Fax (407)281-9187
(877)275-8463

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH"
CALL TTA TODAY ! Page_____ Of____

Work Order #: 05-04-416

CHAIN OF CUSTODY RECORD

Client Name: **Southlake Utilities, Inc.**	Mailing Address: **16554 Crossings Blvd Suite 2 Clermont, FL 34711**	Invoicing Address: / Attention:
Contact Person: **Eddy Garcia**	Project or address of sample site: WTP-930 US Hwy 27 Clermont	Phone Number: **352-394-8898** / Fax Number: **352-394-8894**
Sampler's Signature:		(REQUEST ANALYSIS WRITE DOWN BELOW)

SAMPLE ID	DATE/TIME	COMP	GRAB	WATER	SOIL	OTHER	SAMPLE DESCRIPTION (CL) PH	BOTTLE	Effluent	Grab 4-5-5	Influent							REMARKS
1. Plant Effluent	4/13-11:15		X	X			1.0											
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		

Prepared Sample Kit Date/Time:	Relinquished Sample Kit Date/Time:	Accepted Kit Date/Time:
Relinquished Sample Kit Date/Time:	Delivered Sample Kit to Lab Date/Time: 4-13-5 1530	Bottle #: 40z
Accepted in lab:	Date/Time: 4-13-5 1535	

Jeb Bush
Governor

FLORIDA DEPARTMENT OF HEALTH

John O. Agwunobi, M.D., M.B.A., M.P.H.
Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E82574 **EPA Lab Code: FL00949** **(904) 363-9350**

E82574
Advanced Environmental Laboratories, Inc.
6601 Southpoint Parkway
Jacksonville, FL 32216

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,1,2-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,1-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,2,4-Trichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/21/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/4/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/4/2002
1,2-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,2-Dichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,2-Dichloropropane	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
1,4-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
Alachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/24/2005
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	1/21/2005
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	4/4/2002
Antimony	EPA 200.9	Primary Inorganic Contaminants	NELAP	4/4/2002
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	4/4/2002
Arsenic	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/24/2005
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Benzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Benzo(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/21/2005
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/21/2005
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	1/21/2005
Bromochloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	1/21/2005
Bromodichloromethane	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	4/4/2002

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

Jeb Bush
Governor

FLORIDA DEPARTMENT OF HEALTH

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State Laboratory ID: E82574 **EPA Lab Code: FL00949** **(904) 363-9350**

E82574
Advanced Environmental Laboratories, Inc.
6601 Southpoint Parkway
Jacksonville, FL 32216

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/21/2005
Bromoform	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	4/4/2002
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/21/2005
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Carbofuran (Furaden)	EPA 531.1	Synthetic Organic Contaminants	NELAP	4/19/2005
Carbon tetrachloride	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Chlordane (tech.)	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Chloride	EPA 325.3	Secondary Inorganic Contaminants	NELAP	1/21/2005
Chloride	SM 4500 Cl- E	Secondary Inorganic Contaminants	NELAP	2/13/2003
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	1/21/2005
Chlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Chloroform	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	4/4/2002
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/21/2005
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
cis-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Color	EPA 110.2	Secondary Inorganic Contaminants	NELAP	2/13/2003
Copper	EPA 200.7	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	4/4/2002
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/21/2005
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	1/21/2005
Dibromochloromethane	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	4/4/2002
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/21/2005
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	1/21/2005
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/24/2005
Dichloromethane (DCM, Methylene chloride)	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	4/19/2005

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

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FLORIDA DEPARTMENT OF HEALTH

John O. Agwunobi, M.D., M.B.A., M.P.H.
Secretary

Laboratory Scope of Accreditation

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State Laboratory ID: E82574 **EPA Lab Code: FL00949** **(904) 363-9350**

E82574
Advanced Environmental Laboratories, Inc.
6601 Southpoint Parkway
Jacksonville, FL 32216

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	1/21/2005
Endrin	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Ethylbenzene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Heptachlor	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Heptachlor epoxide	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	1/21/2005
Hexachlorobenzene	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Hexachlorocyclopentadiene	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	4/4/2002
Lead	EPA 200.9	Primary Inorganic Contaminants	NELAP	4/4/2002
Lead	SM 3113 B	Primary Inorganic Contaminants	NELAP	4/4/2002
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	4/4/2002
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	4/4/2002
Mercury	SM 3112 B	Primary Inorganic Contaminants	NELAP	4/4/2002
Methoxychlor	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Nitrate	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	2/13/2003
Nitrate-nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	2/13/2003
Nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	2/13/2003
Nitrite as N	SM 4500-NO2 B	Primary Inorganic Contaminants	NELAP	1/21/2005
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	2/13/2003
Orthophosphate as P	EPA 365.1	Primary Inorganic Contaminants	NELAP	2/13/2003
Orthophosphate as P	SM 4500-P E	Primary Inorganic Contaminants	NELAP	1/21/2005
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	4/19/2005
PCBs	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
Pentachlorophenol	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
pH	EPA 150.1	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	4/4/2002
Picloram	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	1/21/2005
Residue-filterable (TDS)	EPA 160.1	Secondary Inorganic Contaminants	NELAP	4/4/2002
Selenium	EPA 200.9	Primary Inorganic Contaminants	NELAP	4/17/2002
Selenium	SM 3113 B	Primary Inorganic Contaminants	NELAP	4/4/2002

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

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Governor

FLORIDA DEPARTMENT OF HEALTH

John O. Agwunobi, M.D., M.B.A., M.P.H.
Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E82574 **EPA Lab Code: FL00949** **(904) 363-9350**

E82574
Advanced Environmental Laboratories, Inc.
6601 Southpoint Parkway
Jacksonville, FL 32216

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Silica as SiO2	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/21/2005
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	4/4/2002
Silvex (2,4,5-TP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	1/21/2005
Simazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/24/2005
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/4/2002
Styrene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Sulfate	EPA 375.4	Secondary Inorganic Contaminants	NELAP	2/13/2003
Surfactants - MBAS	EPA 425.1	Secondary Inorganic Contaminants	NELAP	1/21/2005
Tetrachloroethylene (Perchloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Thallium	EPA 200.9	Primary Inorganic Contaminants	NELAP	4/4/2002
Toluene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Total coliforms	SM 9222 B	Microbiology	NELAP	4/4/2002
Total coliforms & E. coli	SM 9223 B	Microbiology	NELAP	9/5/2002
Total haloacetic acids	EPA 552.2	Synthetic Organic Contaminants	NELAP	1/21/2005
Total trihalomethanes	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Toxaphene (Chlorinated camphene)	EPA 508	Synthetic Organic Contaminants	NELAP	3/24/2005
trans-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	1/21/2005
Trichloroethene (Trichloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	7/17/2002
Vinyl chloride	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Xylene (total)	EPA 502.2	Other Regulated Contaminants	NELAP	4/4/2002
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	1/21/2005
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	4/4/2002

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

NON-TRANSFERABLE 04/24/2005-E82574

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FLORIDA DEPARTMENT OF HEALTH

John O. Agwunobi, M.D., M.B.A.
Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E84589 **EPA Lab Code: FL01092** **(813) 630-9616**

E84589
Advanced Environmental Laboratories, Inc. - Tampa
9610 Princess Palm Avenue
Tampa, FL 33619

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	10/11/2002
Amenable cyanide	SM 4500-CN G	Primary Inorganic Contaminants	NELAP	10/11/2002
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	10/11/2002
Chloride	SM 4500 Cl- E	Secondary Inorganic Contaminants	NELAP	10/11/2002
Chlorite	EPA 300.0	Primary Inorganic Contaminants	NELAP	8/20/2003
Color	EPA 110.2	Secondary Inorganic Contaminants	NELAP	10/11/2002
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	10/11/2002
Cyanide	SM 4500-CN E	Primary Inorganic Contaminants	NELAP	10/11/2002
Fecal coliforms	SM 9221 E	Microbiology	NELAP	2/14/2003
Fluoride	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Fluoride	SM 4500 F-C	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	10/11/2002
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	10/11/2002
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Nitrate	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	10/11/2002
Nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	10/11/2002
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	10/11/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Orthophosphate as P	EPA 365.1	Primary Inorganic Contaminants	NELAP	10/11/2002
pH	EPA 150.1	Secondary Inorganic Contaminants	NELAP	10/11/2002
Sulfate	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/11/2002
Sulfate	EPA 375.4	Secondary Inorganic Contaminants	NELAP	10/11/2002
Surfactants - MBAS	EPA 425.1	Secondary Inorganic Contaminants	NELAP	10/11/2002
Total coliforms	SM 9222 B	Microbiology	NELAP	2/14/2003
Total coliforms & E. coli	SM 9223 B	Microbiology	NELAP	2/14/2003
Total dissolved solids	EPA 160.1	Secondary Inorganic Contaminants	NELAP	10/11/2002
Total nitrate-nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	10/11/2002
Total organic carbon	SM 5310B	Primary Inorganic Contaminants	NELAP	10/11/2002
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	10/11/2002

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

NON-TRANSFERABLE 07/01/2004-E8458

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FLORIDA DEPARTMENT OF HEALTH

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Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E83033 **EPA Lab Code:** FL00012 (407) 382-7733

E83033
Florida Radiochemistry Services, Inc.
5456 Hoffner Rd. Suite 201
Orlando, FL 32812

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Gross-alpha	EPA 900	Radiochemistry	NELAP	6/28/2001
Gross-beta	EPA 900	Radiochemistry	NELAP	6/28/2001
Natural uranium	EPA 908	Radiochemistry	NELAP	6/28/2001
Radium-226	EPA 903	Radiochemistry	NELAP	12/15/2003
Radium-226	EPA 903.1	Radiochemistry	NELAP	6/28/2001
Radium-228	EPA Ra-05	Radiochemistry	NELAP	6/28/2001

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

NON-TRANSFERABLE 06/01/2004-E83033

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Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E84129 EPA Lab Code: FL00237 (813) 855-1844

E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,1,1-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,1,2,2-Tetrachloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,1,2-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,1-Dichloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,1-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,1-Dichloropropene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,2,3-Trichlorobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
1,2,3-Trichloropropane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,2,4-Trichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,2,4-Trimethylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	3/22/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	3/22/2002
1,2-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,2-Dichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,2-Dichloropropane	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
1,3,5-Trimethylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
1,3-Dichlorobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,3-Dichloropropane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
1,4-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
2,2-Dichloropropane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
2,4,6-Trichlorophenol	EPA 604	Group III Unregulated Contaminants	NELAP	3/22/2002
2,4,6-Trichlorophenol	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
2,4-D	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
2,4-Dinitrotoluene (2,4-DNT)	EPA 525.2	Group III Unregulated Contaminants	NELAP	3/6/2003
2,4-Dinitrotoluene (2,4-DNT)	EPA 609	Group III Unregulated Contaminants	NELAP	3/22/2002
2,4-Dinitrotoluene (2,4-DNT)	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
2,6-Dinitrotoluene (2,6-DNT)	EPA 525.2	Group III Unregulated Contaminants	NELAP	3/6/2003
2,6-Dinitrotoluene (2,6-DNT)	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
2-Chlorophenol	EPA 604	Group III Unregulated Contaminants	NELAP	3/22/2002
2-Chlorophenol	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
2-Chlorotoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
2-Methyl-4,6-dinitrophenol	EPA 604	Group III Unregulated Contaminants	NELAP	3/22/2002
2-Methyl-4,6-dinitrophenol	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
3-Hydroxycarbofuran	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002

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Governor

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Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E84129 EPA Lab Code: FL00237 (813) 855-1844

E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
4,4'-DDD	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
4,4'-DDD	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
4,4'-DDE	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
4,4'-DDE	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
4,4'-DDT	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
4,4'-DDT	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
4-Chlorotoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
4-Isopropyltoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Acetochlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/6/2003
Acifluorfen	EPA 515.3	Group I Unregulated Contaminants	NELAP	3/22/2002
Alachlor	EPA 507	Synthetic Organic Contaminants	NELAP	3/22/2002
Alachlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Alachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Aldicarb (Temik)	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Aldicarb sulfone	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Aldicarb sulfoxide	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Aldrin	EPA 508	Group I Unregulated Contaminants	NELAP	3/22/2002
Aldrin	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Aldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	3/22/2002
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2002
Ametryn	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/6/2003
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Arsenic	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Atrazine	EPA 507	Synthetic Organic Contaminants	NELAP	3/22/2002
Atrazine	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Benzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Benzo(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Benzo(a)pyrene	EPA 550.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Beryllium	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
beta-BHC (beta-Hexachlorocyclohexane)	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 506	Synthetic Organic Contaminants	NELAP	3/22/2002

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E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Bromacil	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/6/2003
Bromate	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Bromoacetic acid	EPA 552.2	Synthetic Organic Contaminants,Group I Unregulated Contaminants	NELAP	3/22/2002
Bromobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Bromochloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	7/2/2002
Bromochloromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Bromodichloromethane	EPA 502.2	Group II Unregulated Contaminants,Other Regulated Contaminants	NELAP	3/22/2002
Bromoform	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	3/22/2002
Butachlor	EPA 507	Group I Unregulated Contaminants	NELAP	3/22/2002
Butachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Butyl benzyl phthalate	EPA 606	Group III Unregulated Contaminants	NELAP	3/22/2002
Butyl benzyl phthalate	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Cadmium	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Carbaryl (Sevin)	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Carbofuran (Furadan)	EPA 531.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Carbon tetrachloride	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Chlordane (tech.)	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Chlordane (tech.)	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	3/22/2002
Chloride	EPA 325.2	Secondary Inorganic Contaminants	NELAP	3/22/2002
Chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	3/22/2002
Chlorite	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Chloroacetic acid	EPA 552.2	Synthetic Organic Contaminants,Group I Unregulated Contaminants	NELAP	3/22/2002
Chlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Chloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Chloroform	EPA 502.2	Group II Unregulated Contaminants,Other Regulated Contaminants	NELAP	3/22/2002
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
cis-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002

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Secretary

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State Laboratory ID: E84129 EPA Lab Code: FL00237 (813) 855-1844

E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
cis-1,3-Dichloropropene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	3/22/2002
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Copper	EPA 200.7	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	3/22/2002
Cyanide	SM 4500-CN E	Primary Inorganic Contaminants	NELAP	3/22/2002
Dacthal (DCPA)	EPA 515.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Dacthal (DCPA)	EPA 515.3	Group I Unregulated Contaminants	NELAP	3/22/2002
Dalapon	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
DCPA di acid degradate	EPA 515.3	Group I Unregulated Contaminants	NELAP	3/22/2002
DCPA mono-acid	EPA 515.3	Group I Unregulated Contaminants	NELAP	3/22/2002
delta-BHC	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Di(2-ethylhexyl)adipate	EPA 506	Synthetic Organic Contaminants	NELAP	3/22/2002
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants,Synthetic Organic Contaminants	NELAP	3/22/2002
Dibromochloromethane	EPA 502.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	3/22/2002
Dibromomethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Dicamba	EPA 515.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	3/22/2002
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants,Synthetic Organic Contaminants	NELAP	3/22/2002
Dichlorodifluoromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Dichloromethane (DCM, Methylene chloride)	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Dieldrin	EPA 508	Group I Unregulated Contaminants	NELAP	3/22/2002
Dieldrin	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Dieldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Diethyl phthalate	EPA 606	Group III Unregulated Contaminants	NELAP	3/22/2002
Diethyl phthalate	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Dimethyl phthalate	EPA 606	Group III Unregulated Contaminants	NELAP	3/22/2002
Dimethyl phthalate	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Di-n-butyl phthalate	EPA 606	Group III Unregulated Contaminants	NELAP	3/22/2002
Di-n-butyl phthalate	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Di-n-octyl phthalate	EPA 606	Group III Unregulated Contaminants	NELAP	3/22/2002

"STATE" indicates certification for the analyte by the method specified. "NELAP" further indicates certification compliant with the NELAC Standards.

NON-TRANSFERABLE 01/08/2004-E84129

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Jeb Bush
Governor

John O. Agwunobi, M.D., M.B.A.
Secretary

Laboratory Scope of Accreditation

THIS LISTING OF ACCREDITED ANALYTES SHOULD BE USED ONLY WHEN ASSOCIATED WITH A VALID CERTIFICATE

State Laboratory ID: E84129 EPA Lab Code: FL00237 (813) 855-1844

E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Di-n-octyl phthalate	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Endosulfan I	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Endosulfan II	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Endosulfan sulfate	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Endrin	EPA 508	Synthetic Organic Contaminants	NELAP	7/19/2002
Endrin	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Endrin	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/19/2002
Endrin aldehyde	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Ethylbenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Fecal coliforms	SM 9221 E	Microbiology	NELAP	3/22/2002
Fluoride	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Fluoride	SM 4500 F-C	Secondary Inorganic Contaminants,Primary Inorganic Contaminants	NELAP	3/22/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	3/22/2002
Heptachlor	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Heptachlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Heptachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Heptachlor epoxide	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Heptachlor epoxide	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Heptachlor epoxide	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Hexachlorobenzene	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Hexachlorobenzene	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Hexachlorobenzene	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Hexachlorobutadiene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Hexachlorocyclopentadiene	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Hexachlorocyclopentadiene	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Hexachlorocyclopentadiene	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002

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Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexazinone (Velpar)	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/6/2003
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2002
Isophorone	EPA 525.2	Group III Unregulated Contaminants	NELAP	3/6/2003
Isophorone	EPA 609	Group III Unregulated Contaminants	NELAP	3/22/2002
Isophorone	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Isopropylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Lead	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2002
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	3/22/2002
Methomyl (Lannate)	EPA 531.1	Group I Unregulated Contaminants	NELAP	3/22/2002
Methoxychlor	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Methoxychlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Methoxychlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Methyl bromide (Bromomethane)	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Methyl chloride (Chloromethane)	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Methyl tert-butyl ether (MTBE)	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Metolachlor	EPA 507	Group I Unregulated Contaminants	NELAP	3/22/2002
Metolachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Metribuzin	EPA 507	Group I Unregulated Contaminants	NELAP	3/22/2002
Metribuzin	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Molinate	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
Naphthalene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
n-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/22/2002
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/22/2002
Nitrite	SM 4500-NO2 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Norflurazon	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/6/2003
n-Propylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	3/22/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	3/22/2002
PCBs	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
PCBs	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002

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E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Pentachlorophenol	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Pentachlorophenol	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
Pentachlorophenol	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
pH	EPA 150.1	Secondary Inorganic Contaminants	NELAP	3/22/2002
Phenol	EPA 604	Group III Unregulated Contaminants	NELAP	3/22/2002
Phenol	EPA 625	Group III Unregulated Contaminants	NELAP	3/22/2002
Picloram	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Picloram	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
Propachlor (Ramrod)	EPA 508	Group I Unregulated Contaminants	NELAP	3/22/2002
Propachlor (Ramrod)	EPA 508.1	Group I Unregulated Contaminants	NELAP	7/19/2002
Propachlor (Ramrod)	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
sec-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Selenium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Selenium	SM 3113 B	Primary Inorganic Contaminants	NELAP	3/22/2002
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2002
Silver	SM 3113 B	Secondary Inorganic Contaminants	NELAP	3/22/2002
Silvex (2,4,5-TP)	EPA 515.1	Synthetic Organic Contaminants	NELAP	3/22/2002
Silvex (2,4,5-TP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	3/22/2002
Simazine	EPA 507	Synthetic Organic Contaminants	NELAP	3/22/2002
Simazine	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
Simazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2002
Styrene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Sulfate	EPA 300.0	Secondary Inorganic Contaminants	NELAP	3/22/2002
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	3/22/2002
Terbacil	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/22/2002
tert-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/6/2003
Tetrachloroethylene (Perchloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Thallium	EPA 200.9	Primary Inorganic Contaminants	NELAP	3/22/2002
Toluene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Total coliforms	SM 9222 B	Microbiology	NELAP	3/22/2002
Total coliforms & E. coli	SM 9223 B	Microbiology	NELAP	3/22/2002
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	3/22/2002
Total haloacetic acids	EPA 552.2	Synthetic Organic Contaminants	NELAP	3/22/2002
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/22/2002
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/22/2002

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NON-TRANSFERABLE 01/08/2004-E84129

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E84129
Southern Analytical Laboratories, Inc.
110 Bayview Blvd
Oldsmar, FL 34677

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Total trihalomethanes	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Toxaphene (Chlorinated camphene)	EPA 508	Synthetic Organic Contaminants	NELAP	3/22/2002
Toxaphene (Chlorinated camphene)	EPA 508.1	Synthetic Organic Contaminants	NELAP	7/19/2002
trans-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
trans-1,3-Dichloropropylene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Trichloroacetic acid	EPA 552.2	Synthetic Organic Contaminants,Group I Unregulated Contaminants	NELAP	3/22/2002
Trichloroethene (Trichloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Trichlorofluoromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/22/2002
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	3/22/2002
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	3/6/2003
Vinyl chloride	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Xylene (total)	EPA 502.2	Other Regulated Contaminants	NELAP	3/22/2002
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2002

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NON-TRANSFERABLE 01/08/2004-E84129

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Tri-Tech Laboratories, Inc.
P.O. Box 140966
Orlando, Florida 32814-0966
(407)275-8463 Fax (407)281-9187
(877)275-8463

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CALL TTA TODAY! Page 1 Of 2

CHAIN OF CUSTODY RECORD

Work Order #: 06 07 - 692

Client Name: SOUTH LAKE Utilities Inc — Mailing Address:	Invoicing Address: Same — Attention: Same
Contact Person: Angel De Leon — Project or address of sample site: 333 Hwy 27 WWTP	Phone Number: — Fax Number:
Sampler's Signature:	(REQUEST ANALYSIS WRITE DOWN BELOW) Reclaimed WATER EFFluent Analysis

SAMPLE ID	DATE/TIME	COMP	GRAB	WATER	SOIL	OTHER	SAMPLE DESCRIPTION CL PH	BOTTLE	REMARKS
1. EFF	7-26-06 11:55		X					1	Alpha, RAD 226/228
2.	7-26-06		X						MBAS
3.	7-26-06		X						
4.	7-26-06		X						
5.	7-26-06		X						
6.	7-26-06		X						
7.	7-26-06		X						
8.	7-26-06		X						
9.	7-26-06		X						
10.	7-26-06		X						
11.	7-26-06		X						

Prepared Sample Kit Date/Time:	Relinquished Sample Kit Date/Time:	Accepted Kit Date/Time:
Relinquished Sample Kit Date/Time:	Delivered Sample Kit to Lab Date/Time: 07-26-06 1525	Bottle #: Kit 42

Accepted in lab: Date/Time: 7-27-6 700

Tri-Tech Laboratories, Inc.
P.O. Box 140966
Orlando, Florida 32814-0966
(407)275-8463 Fax (407)281-9187
(877)275-8463

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH"
CALL TTA TODAY !

Work Order #: 06-07~

CHAIN OF CUSTODY RECORD

Client Name: SOUTHLAKE Utilities Inc Mailing Address:	Invoicing Address: Same Attention: Same
Contact Person: Angel DeLeon Project or address of sample site: 333 Hwy 27 WWTP	Phone Number: Fax Number:
Sampler's Signature:	(REQUEST ANALYSIS WRITE DOWN BELOW) Reclaimed WATER EFFluent Analysis

SAMPLE ID	DATE/TIME	COMP	GRAB	WATER	SOIL	OTHER	SAMPLE DESCRIPTION CL PH	BOTTLE											REMARKS
1.	7-26-06		X																
2.	7-26-06																		
3.	7-26-06																		
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			

Prepared Sample Kit Date/Time:	Relinquished Sample Kit Date/Time:	Accepted Kit Date/Time:
Relinquished Sample Kit Date/Time:	Delivered Sample Kit to Lab Date/Time: 07-26-06 1525	Bottle #: Kit 24

Accepted in lab: Date/Time: 7-27-6 700

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-651-2560 * Fax 407-856-0886

August 29, 2006

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966

Attn: LINDA TRYTEK

Work Order: OPG0403
Project Name: NEW PERMIT RECLAIM
Project Number: 0607-692-1
Date Received: 07/27/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
06-07-692-1	OPG0403-01	07/26/06 11:55
TRIP BLANK	OPG0403-02	07/26/06 00:00

EPA 1613 analysis performed at Lab ID: E87769
EPA 900.0, EPA 903.1, Ra-05 analysis performed at Lab ID: E83033

Samples were received into laboratory at a temperature of 2.00 °C.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Results are reported on a wet weight basis unless otherwise noted

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

Florida Certification Number: E83012

Approved By:

Enid Ortiz

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 • 800-651-2560 • Fax 407-856-0886

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: 06-07-692-1 - Lab Number: OPG0403-01 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
57-12-5	**Cyanide**	**0.163**		mg/L	0.00290	0.0100	1	08/04/06 15:00	BDG	EPA 335.3	6H04043
16984-48-8	**Fluoride**	**0.0820**	I	mg/L	0.00870	0.100	1	07/28/06 22:02	BDG	EPA 300.0	6G27011
3755298	**Methylene Blue Active Substances**	**0.0720**	I	mg/L	0.0530	0.100	1	07/28/06 09:00	JMG	SM 5540C	6G28007
NA	**Odor**	**2.00**	Q	T.O.N.	1.00	1.00	1	08/01/06 17:30	JMG	SM 2150B	6H04010
PH	**pH**	**7.39**	Q	pH Units	0.100	0.100	1	07/28/06 08:12	RAC	EPA 150.1	6G28004
2010	**Total Dissolved Solids**	**308**		mg/L	3.00	5.00	1	08/01/06 18:30	AKA	EPA 160.1	6H01043
16887-00-6	**Chloride**	**51.3**		mg/L	2.00	2.00	1	07/28/06 22:02	BDG	EPA 300.0	6G27011
	Nitrate-Nitrite as N	**0.130**		mg/L	0.00920	0.0200	1	07/28/06 22:02	BDG	EPA 300.0	[CALC]
14797-55-8	**Nitrate as N**	**0.0230**	Q	mg/L	0.00920	0.0200	1	07/28/06 22:02	BDG	EPA 300.0	6G27011
14797-65-0	**Nitrite as N**	**0.107**	Q	mg/L	0.00750	0.0200	1	07/28/06 22:02	BDG	EPA 300.0	6G27011
14808-79-8	**Sulfate as SO4**	**24.5**		mg/L	2.00	2.00	1	07/28/06 22:02	BDG	EPA 300.0	6G27011
Metals Total Recoverable											
7429-90-5	**Aluminum**	**0.0565**		mg/L	0.0490	0.0500	1	08/02/06 17:11	RH	EPA 200.7	6H01005
7440-36-0	Antimony	0.00160	U	mg/L	0.00160	0.00200	1	08/18/06 14:06	GCT	EPA 204.2	6H02044
7440-38-2	**Arsenic**	**0.00240**	J4,I	mg/L	0.00100	0.00500	1	08/04/06 14:32	GCT	EPA 206.2	6H02046
7440-39-3	**Barium**	**0.0142**		mg/L	0.00200	0.0100	1	08/02/06 17:10	RH	EPA 200.7	6H01005
7440-41-7	Beryllium	0.00200	U	mg/L	0.00200	0.0100	1	08/02/06 17:12	RH	EPA 200.7	6H01005
7440-43-9	**Cadmium**	**0.000280**	I	mg/L	0.000100	0.000500	1	08/17/06 16:03	GCT	EPA 213.2	6H02047
7440-47-3	**Chromium**	**0.00260**	I	mg/L	0.00150	0.00500	1	08/15/06 12:01	GCT	EPA 218.2	6H02048
7440-50-8	Copper	0.00540	U	mg/L	0.00540	0.0100	1	08/02/06 17:11	RH	EPA 200.7	6H01005
7439-89-6	**Iron**	**0.0629**		mg/L	0.0390	0.0500	1	08/02/06 17:11	RH	EPA 200.7	6H01005
7439-92-1	**Lead**	**0.00310**	J4	mg/L	0.000800	0.00300	1	08/04/06 14:59	GCT	EPA 239.2	6H02050
7439-96-5	**Manganese**	**0.0126**		mg/L	0.00230	0.0100	1	08/02/06 17:12	RH	EPA 200.7	6H01005
7439-97-6	Mercury	0.0000600	U	mg/L	0.0000600	0.000200	1	08/01/06 14:00	GCT	EPA 245.1	6H01004
7440-02-0	Nickel	0.00600	U	mg/L	0.00600	0.0100	1	08/02/06 17:12	RH	EPA 200.7	6H01005
7782-49-2	Selenium	0.00200	U	mg/L	0.00200	0.00500	1	08/09/06 17:35	GCT	EPA 270.2	6H02052
7440-22-4	Silver	0.00532	U	mg/L	0.00532	0.0100	1	08/02/06 17:12	RH	EPA 200.7	6H01005
7440-23-5	**Sodium**	**46.1**		mg/L	0.110	0.500	1	08/02/06 17:10	RH	EPA 200.7	6H01005
7440-28-0	**Thallium**	**0.00290**		mg/L	0.000800	0.00200	1	08/03/06 13:24	GCT	EPA 279.2	6H02051
7440-66-6	Zinc	**0.0465**	I	mg/L	0.0235	0.0500	1	08/02/06 17:12	RH	EPA 200.7	6H01005
EDB and DBCP by EPA Method 504.1											
106-93-4	1,2-Dibromoethane (EDB)	0.00360	U	ug/L	0.00360	0.0200	1	08/09/06 21:27	LCS	EPA 504.1	6H08021
96-12-8	1,2-Dibromo-3-chloropropane	0.00240	U	ug/L	0.00240	0.0200	1	08/09/06 21:27	LCS	EPA 504.1	6H08021
Nitrogen/Phosphorus Pesticides by EPA Method 507											
1912-24-9	Atrazine	**0.440**	I	ug/L	0.0564	0.500	1	08/04/06 12:19	LCS	EPA 507	6H01014
122-34-9	Simazine	**1.33**		ug/L	0.0587	0.500	1	08/04/06 12:19	LCS	EPA 507	6H01014
15972-60-8	Alachlor	0.0663	U	ug/L	0.0663	0.250	1	08/04/06 12:19	LCS	EPA 507	6H01014
Surrogate: 1-Bromo-2-Nitrobenzene (70-130%)		*115 %*									
Chlorinated Pesticides and PCBs by EPA Method 508											
1336-36-3	PCBs	0.100	U	ug/L	0.100	0.250	1	08/04/06 12:19	SXP	EPA 508	6H01014
Surrogate: Decachlorobiphenyl (70-130%)		*98 %*									
Chlorinated Herbicides by EPA Method 515.1											
94-75-7	2,4-D	0.0495	U	ug/L	0.0495	0.250	1	08/03/06 17:00	LCS	EPA 515.1	6H01019

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2580 * Fax 407-858-0886

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: 06-07-692-1 - Lab Number: OPG0403-01 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Chlorinated Herbicides by EPA Method 515.1 - Cont.											
3-72-1	2,4,5-TP (Silvex)	0.0118	U	ug/L	0.0118	0.250	1	08/03/06 17:00	LCS	EPA 515.1	6H01019
5-99-0	Dalapon	0.353	U	ug/L	0.353	2.50	1	08/03/06 17:00	LCS	EPA 515.1	6H01019
3-85-7	Dinoseb	0.0846	U	ug/L	0.0846	0.250	1	08/03/06 17:00	LCS	EPA 515.1	6H01019
7-86-5	Pentachlorophenol	0.0109	U	ug/L	0.0109	0.250	1	08/03/06 17:00	LCS	EPA 515.1	6H01019
18-02-1	Picloram	0.0342	U	ug/L	0.0342	0.250	1	08/03/06 17:00	LCS	EPA 515.1	6H01019
rrogate: DCAA (70-130%)		*88 %*									
urgeable Organic Compounds by EPA Method 524.2											
0-20-6	1,1,1,2-Tetrachloroethane	0.170	U	ug/L	0.170	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-55-6	1,1,1-Trichloroethane	0.400	U	ug/L	0.400	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-34-5	1,1,2,2-Tetrachloroethane	0.120	U	ug/L	0.120	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-00-5	1,1,2-Trichloroethane	0.210	U	ug/L	0.210	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-34-3	1,1-Dichloroethane	0.130	U	ug/L	0.130	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-35-4	1,1-Dichloroethene	0.160	U	ug/L	0.160	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
3-58-6	1,1-Dichloropropene	0.160	U	ug/L	0.160	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-61-6	1,2,3-Trichlorobenzene	0.370	U	ug/L	0.370	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-18-4	1,2,3-Trichloropropane	0.380	U	ug/L	0.380	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
0-82-1	1,2,4-Trichlorobenzene	0.470	U	ug/L	0.470	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-63-6	1,2,4-Trimethylbenzene	0.140	U	ug/L	0.140	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-12-8	1,2-Dibromo-3-chloropropane	0.490	U	ug/L	0.490	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
5-93-4	1,2-Dibromoethane (EDB)	0.270	U	ug/L	0.270	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-50-1	1,2-Dichlorobenzene	0.170	U	ug/L	0.170	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
7-06-2	1,2-Dichloroethane	0.110	U	ug/L	0.110	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-87-5	1,2-Dichloropropane	0.110	U	ug/L	0.110	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-67-8	1,3,5-Trimethylbenzene	0.0700	U	ug/L	0.0700	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-73-1	1,3-Dichlorobenzene	0.160	U	ug/L	0.160	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-28-9	1,3-Dichloropropane	0.200	U	ug/L	0.200	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-46-7	1,4-Dichlorobenzene	0.670		ug/L	0.150	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-20-7	2,2-Dichloropropane	0.330	U	ug/L	0.330	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
93-3	2-Butanone	0.470	U	ug/L	0.470	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
49-8	2-Chlorotoluene	0.450	U	ug/L	0.450	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-43-4	4-Chlorotoluene	0.110	U	ug/L	0.110	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
64-1	Acetone	0.320	U	ug/L	0.320	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
43-2	Benzene	0.130	U	ug/L	0.130	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-86-1	Bromobenzene	0.120	U	ug/L	0.120	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
97-5	Bromochloromethane	0.350	U	ug/L	0.350	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
27-4	Bromodichloromethane	0.260	U	ug/L	0.260	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
25-2	Bromoform	0.230	U	ug/L	0.230	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
83-9	Bromomethane	0.270	U	ug/L	0.270	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
23-5	Carbon Tetrachloride	0.420	U	ug/L	0.420	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-90-7	Chlorobenzene	0.0700	U	ug/L	0.0700	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-48-1	Chlorodibromomethane	0.180	U	ug/L	0.180	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
00-3	Chloroethane	0.450	U	ug/L	0.450	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
66-3	Chloroform	0.980		ug/L	0.130	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

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Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: 06-07-692-1 - Lab Number: OPG0403-01 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Purgeable Organic Compounds by EPA Method 524.2 - Cont.											
'4-87-3	Chloromethane	0.150	U	ug/L	0.150	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
56-59-2	cis-1,2-Dichloroethene	0.320	U	ug/L	0.320	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
0061-01-5	cis-1,3-Dichloropropene	0.170	U	ug/L	0.170	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
4-95-3	Dibromomethane	0.230	U	ug/L	0.230	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
5-71-8	Dichlorodifluoromethane	0.190	U	ug/L	0.190	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
00-41-4	Ethylbenzene	0.0900	U	ug/L	0.0900	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
7-68-3	Hexachlorobutadiene	0.470	U	ug/L	0.470	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
7-72-1	Hexachloroethane	0.420	U	ug/L	0.420	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
8-82-8	Isopropylbenzene	0.110	U	ug/L	0.110	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
534-04-4	Methyl tert-Butyl Ether	0.390	U	ug/L	0.390	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
5-09-2	Methylene Chloride	0.340	U	ug/L	0.340	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-20-3	Naphthalene	0.250	U	ug/L	0.250	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
04-51-8	n-Butylbenzene	0.280	U	ug/L	0.280	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
03-65-1	n-Propylbenzene	0.200	U	ug/L	0.200	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-87-6	p-Isopropyltoluene	0.190	U	ug/L	0.190	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
5-98-8	sec-Butylbenzene	0.190	U	ug/L	0.190	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
00-42-5	Styrene	0.110	U	ug/L	0.110	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
1-06-6	tert-Butylbenzene	0.240	U	ug/L	0.240	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
7-18-4	Tetrachloroethene	0.120	U	ug/L	0.120	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
8-88-3	Toluene	**3.37**		ug/L	0.160	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
A	Total THM's	0.260	U	ug/L	0.260	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
6-60-5	trans-1,2-Dichloroethene	0.300	U	ug/L	0.300	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
061-02-6	trans-1,3-Dichloropropene	0.150	U	ug/L	0.150	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-01-6	Trichloroethene	0.280	U	ug/L	0.280	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-69-4	Trichlorofluoromethane	0.390	U	ug/L	0.390	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
-01-4	Vinyl chloride	0.230	U	ug/L	0.230	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
30-20-7	Xylenes, total	0.250	U	ug/L	0.250	0.500	1	07/28/06 13:49	JLS	EPA 524.2	6G31034
rrogate: 1,2-Dichlorobenzene-d4 (70-130%)		*85 %*									
rrogate: 4-Bromofluorobenzene (70-130%)		*96 %*									
rganic Compounds by EPA Method 525.2											
-32-8	Benzo (a) pyrene	0.123	U	ug/L	0.123	0.500	1	08/03/06 19:46	LCS	EPA 525.2	6H02027
3-23-1	Bis-(2-Ethylhexyl) Adipate	0.120	U	ug/L	0.120	0.500	1	08/03/06 19:46	LCS	EPA 525.2	6H02027
7-81-7	Bis(2-ethylhexyl)phthalate	0.500	U	ug/L	0.500	1.00	1	08/03/06 19:46	LCS	EPA 525.2	6H02027
3-74-1	Hexachlorobenzene	0.0923	U	ug/L	0.0923	0.500	1	08/03/06 19:46	LCS	EPA 525.2	6H02027
-47-4	Hexachlorocyclopentadiene	0.0940	U	ug/L	0.0940	0.500	1	08/03/06 19:46	LCS	EPA 525.2	6H02027
rogate: 1,3-Dimethyl-2-nitrobenzene (70-130%)		*94 %*									
rogate: Perylene-d12 (70-130%)		*69 %*									
rogate: Triphenyl phosphate (70-130%)		*124 %*									
arbamates in Water by EPA Method 531.1											
63-66-2	Carbofuran	0.547	U	ug/L	0.547	2.00	1	08/08/06 16:06	SP	EPA 531.1	6H07010
35-22-0	Oxamyl	0.530	U	ug/L	0.530	2.00	1	08/08/06 16:06	SP	EPA 531.1	6H07010
rganic Compounds by EPA 547											
71-83-6	Glyphosate	4.44	U	ug/L	4.44	50.0	1	07/31/06 20:29	SP	EPA 547	6G31013

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ANALYTICAL TESTING CORPORATION
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Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: 06-07-692-1 - Lab Number: OPG0403-01 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Organic Compounds by EPA 548											
45-73-3	Endothall	2.31	U	ug/L	2.31	12.5	1	08/04/06 13:41	LCS/S	EPA 548.1	6G31026
Organic Compounds by EPA Method 549.2											
5-00-7	Diquat	0.250	U	ug/L	0.250	2.00	1	08/01/06 12:00	SP	EPA 549.2	6G31039
Organochlorine Pesticides and PCBs by EPA Method 608											
7-74-9	Chlordane	0.0120	U	ug/L	0.0120	0.0500	1	08/04/06 20:06	LCS	EPA 608	6H02038
2-20-8	Endrin	0.0190	U	ug/L	0.0190	0.100	1	08/04/06 20:06	LCS	EPA 608	6H02038
8-89-9	gamma-BHC (Lindane)	0.00900	U	ug/L	0.00900	0.0500	1	08/04/06 20:06	LCS	EPA 608	6H02038
5-44-8	Heptachlor	0.0110	U	ug/L	0.0110	0.0500	1	08/04/06 20:06	LCS	EPA 608	6H02038
024-57-3	Heptachlor epoxide	0.0110	U	ug/L	0.0110	0.0500	1	08/04/06 20:06	LCS	EPA 608	6H02038
2-43-5	Methoxychlor	0.0230	U	ug/L	0.0230	0.500	1	08/04/06 20:06	LCS	EPA 608	6H02038
001-35-2	Toxaphene	0.242	U	ug/L	0.242	0.500	1	08/04/06 20:06	LCS	EPA 608	6H02038
urrogate: Decachlorobiphenyl (32-125%)		*62 %*									
urrogate: Tetrachloro-meta-xylene (36-123%)		*69 %*									
ubcontracted Analyses											
A	**Gross Alpha**	**3.2+/-1.9**		pCi/L	2.0	2.0	1	08/09/06 00:00	MJN	EPA 900.0	NONE
982-63-3	**Radium-226**	**0.3+/-0.1**		pCi/L	0.2	0.2	1	08/14/06 00:00	MJN	EPA 903.1	NONE
262-20-1	**Radium-228**	**0.8+/-0.5**	U	pCi/L	0.8	0.8	1	08/14/06 00:00	PJ	Ra-05	NONE
ubcontracted Analyses - Cont.											
46-01-6	**2,3,7,8-TCDD**	**10.0**	U	pg/L	NA	NA	1	08/14/06 00:00		EPA 1613	NONE

LABORATORY REPORT

Sample ID: TRIP BLANK - Lab Number: OPG0403-02 - Matrix: Water - NonPotable

AS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
rgeable Organic Compounds by EPA Method 524.2											
0-20-6	1,1,1,2-Tetrachloroethane	0.170	U	ug/L	0.170	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-55-6	1,1,1-Trichloroethane	0.400	U	ug/L	0.400	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-34-5	1,1,2,2-Tetrachloroethane	0.120	U	ug/L	0.120	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-00-5	1,1,2-Trichloroethane	0.210	U	ug/L	0.210	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-34-3	1,1-Dichloroethane	0.130	U	ug/L	0.130	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-35-4	1,1-Dichloroethene	0.160	U	ug/L	0.160	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
0-58-6	1,1-Dichloropropene	0.160	U	ug/L	0.160	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
61-6	1,2,3-Trichlorobenzene	0.370	U	ug/L	0.370	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
18-4	1,2,3-Trichloropropane	0.380	U	ug/L	0.380	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
0-82-1	1,2,4-Trichlorobenzene	0.470	U	ug/L	0.470	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
63-6	1,2,4-Trimethylbenzene	0.140	U	ug/L	0.140	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
12-8	1,2-Dibromo-3-chloropropane	0.490	U	ug/L	0.490	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
0-93-4	1,2-Dibromoethane (EDB)	0.270	U	ug/L	0.270	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
50-1	1,2-Dichlorobenzene	0.170	U	ug/L	0.170	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-06-2	1,2-Dichloroethane	0.110	U	ug/L	0.110	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
87-5	1,2-Dichloropropane	0.110	U	ug/L	0.110	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-67-8	1,3,5-Trimethylbenzene	0.0700	U	ug/L	0.0700	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
-73-1	1,3-Dichlorobenzene	0.160	U	ug/L	0.160	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034

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Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: TRIP BLANK - Lab Number: OPG0403-02 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Purgeable Organic Compounds by EPA Method 524.2 - Cont.											
42-28-9	1,3-Dichloropropane	0.200	U	ug/L	0.200	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
06-46-7	1,4-Dichlorobenzene	0.150	U	ug/L	0.150	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
94-20-7	2,2-Dichloropropane	0.330	U	ug/L	0.330	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
8-93-3	2-Butanone	0.470	U	ug/L	0.470	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-49-8	2-Chlorotoluene	0.450	U	ug/L	0.450	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
06-43-4	4-Chlorotoluene	0.110	U	ug/L	0.110	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
7-64-1	Acetone	505	L	ug/L	0.320	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
1-43-2	Benzene	0.130	U	ug/L	0.130	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
08-86-1	Bromobenzene	0.120	U	ug/L	0.120	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-97-5	Bromochloromethane	0.350	U	ug/L	0.350	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-27-4	Bromodichloromethane	0.260	U	ug/L	0.260	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-25-2	Bromoform	0.230	U	ug/L	0.230	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-83-9	Bromomethane	0.270	U	ug/L	0.270	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-23-5	Carbon Tetrachloride	0.420	U	ug/L	0.420	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
08-90-7	Chlorobenzene	0.0700	U	ug/L	0.0700	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
24-48-1	Chlorodibromomethane	0.180	U	ug/L	0.180	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-00-3	Chloroethane	0.450	U	ug/L	0.450	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
7-66-3	Chloroform	0.130	U	ug/L	0.130	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-87-3	Chloromethane	0.150	U	ug/L	0.150	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
6-59-2	cis-1,2-Dichloroethene	0.320	U	ug/L	0.320	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
061-01-5	cis-1,3-Dichloropropene	0.170	U	ug/L	0.170	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-95-3	Dibromomethane	0.230	U	ug/L	0.230	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-71-8	Dichlorodifluoromethane	0.190	U	ug/L	0.190	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
0-41-4	Ethylbenzene	0.0900	U	ug/L	0.0900	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-68-3	Hexachlorobutadiene	0.470	U	ug/L	0.470	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-72-1	Hexachloroethane	0.420	U	ug/L	0.420	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-82-8	Isopropylbenzene	0.110	U	ug/L	0.110	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
34-04-4	Methyl tert-Butyl Ether	0.390	U	ug/L	0.390	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-09-2	Methylene Chloride	0.340	U	ug/L	0.340	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-20-3	Naphthalene	0.250	U	ug/L	0.250	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-51-8	n-Butylbenzene	0.280	U	ug/L	0.280	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
3-65-1	n-Propylbenzene	0.200	U	ug/L	0.200	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-87-6	p-Isopropyltoluene	0.190	U	ug/L	0.190	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-98-8	sec-Butylbenzene	0.190	U	ug/L	0.190	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
0-42-5	Styrene	0.110	U	ug/L	0.110	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
4-06-6	tert-Butylbenzene	0.240	U	ug/L	0.240	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
7-18-4	Tetrachloroethene	0.120	U	ug/L	0.120	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
3-88-3	Toluene	0.160	U	ug/L	0.160	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
	Total THM's	0.260	U	ug/L	0.260	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
5-60-5	trans-1,2-Dichloroethene	0.300	U	ug/L	0.300	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
061-02-6	trans-1,3-Dichloropropene	0.150	U	ug/L	0.150	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
01-6	Trichloroethene	0.280	U	ug/L	0.280	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
69-4	Trichlorofluoromethane	0.390	U	ug/L	0.390	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2580 * Fax 407-856-0886

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

LABORATORY REPORT

Sample ID: TRIP BLANK - Lab Number: OPG0403-02 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Purgeable Organic Compounds by EPA Method 524.2 - Cont.											
75-01-4	Vinyl chloride	0.230	U	ug/L	0.230	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
330-20-7	Xylenes, total	0.250	U	ug/L	0.250	0.500	1	07/28/06 14:11	JLS	EPA 524.2	6G31034
Surrogate: 1,2-Dichlorobenzene-d4 (70-130%)		*90 %*									
Surrogate: 4-Bromofluorobenzene (70-130%)		*92 %*									

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Project Number: 0607-692-1

Sampled: 07/26/06
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SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
EDB and DBCP by EPA Method 504.1	OPG0403-01	35.0 g	2.0 mL	08/08/2006	PXN	Default Prep GC-S
Organochlorine Pesticides and PCBs by EPA Method 608	OPG0403-01	1,000.0 mL	10.0 mL	08/02/2006	YGM	EPA 3510C
Chlorinated Herbicides by EPA Method 515.1	OPG0403-01	1,000.0 mL	5.0 mL	08/01/2006	YGM	EPA 3510C
Chlorinated Pesticides and PCBs by EPA Method 508	OPG0403-01	1,000.0 mL	5.0 mL	08/01/2006	SXP	EPA 3510C
Nitrogen/Phosphorus Pesticides by EPA Method 507	OPG0403-01	1,000.0 mL	5.0 mL	08/01/2006	CBS	EPA 3510C
Organic Compounds by EPA 548	OPG0403-01	100.0 mL	1.0 mL	07/31/2006	VXK	SPE Disk MS
Organic Compounds by EPA Method 525.2	OPG0403-01	1,000.0 mL	1.0 mL	08/02/2006	LCS	SPE Disk MS
Organic Compounds by EPA Method 549.2	OPG0403-01	250.0 mL	10.0 mL	07/31/2006	PXN	SPE HPLC
Organic Compounds by EPA 547	OPG0403-01	1.0 mL	1.0 mL	07/31/2006	SXP	SPE HPLC
Carbamates in Water by EPA Method 531.1	OPG0403-01	1.0 mL	1.0 mL	08/07/2006	SXP	SPE HPLC

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Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Blank

nalyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
eneral Chemistry Parameters					
yanide	0.00290	U	mg/L	6H04043	6H04043-BLK1
luoride	0.00870	U	mg/L	6G27011	6G27011-BLK1
lethylene Blue Active Substances	0.0530	U	mg/L	6G28007	6G28007-BLK1
dor	1.00	U	T.O.N.	6H04010	6H04010-BLK1
H	5.02		pH Units	6G28004	6G28004-BLK1
otal Dissolved Solids	3.00	U	mg/L	6H01043	6H01043-BLK1
hloride	2.00	U	mg/L	6G27011	6G27011-BLK1
itrate as N	0.00920	U	mg/L	6G27011	6G27011-BLK1
itrite as N	0.00750	U	mg/L	6G27011	6G27011-BLK1
ulfate as SO4	2.00	U	mg/L	6G27011	6G27011-BLK1
letals Total Recoverable					
uminum	0.0490	U	mg/L	6H01005	6H01005-BLK1
ntimony	0.00160	U	mg/L	6H02044	6H02044-BLK1
senic	0.00100		mg/L	6H02046	6H02046-BLK1
rium	0.00200		mg/L	6H01005	6H01005-BLK1
ryllium	0.00200	U	mg/L	6H01005	6H01005-BLK1
dmium	0.000100	U	mg/L	6H02047	6H02047-BLK1
romium	0.00150	U	mg/L	6H02048	6H02048-BLK1
pper	0.00540	U	mg/L	6H01005	6H01005-BLK1
n	0.0390		mg/L	6H01005	6H01005-BLK1
ad	0.000800	U	mg/L	6H02050	6H02050-BLK1
nganese	0.00230	U	mg/L	6H01005	6H01005-BLK1
rcury	0.0000600	U	mg/L	6H01004	6H01004-BLK1
kel	0.00600	U	mg/L	6H01005	6H01005-BLK1
enium	0.00200	U	mg/L	6H02052	6H02052-BLK1
ver	0.00532		mg/L	6H01005	6H01005-BLK1
lium	0.110	U	mg/L	6H01005	6H01005-BLK1
allium	0.000800	U	mg/L	6H02051	6H02051-BLK1
c	0.0235	U	mg/L	6H01005	6H01005-BLK1
)B and DBCP by EPA Method 504.1					
-Dibromoethane (EDB)	0.00360	U	ug/L	6H08021	6H08021-BLK1
-Dibromo-3-chloropropane	0.00240	U	ug/L	6H08021	6H08021-BLK1
trogen/Phosphorus Pesticides by EPA Method 507					
azine	0.0564	U	ug/L	6H01014	6H01014-BLK1
tazine	0.0587	U	ug/L	6H01014	6H01014-BLK1
chlor	0.0663	U	ug/L	6H01014	6H01014-BLK1
rogate: 1-Bromo-2-Nitrobenzene	0.554		ug/L	6H01014	6H01014-BLK1
lorinated Pesticides and PCBs by EPA Method 508					
Bs	0.100	U	ug/L	6H01014	6H01014-BLK1
lorinated Herbicides by EPA Method 515.1					
D	0.0495	U	ug/L	6H01019	6H01019-BLK1
5-TP (Silvex)	0.0118	U	ug/L	6H01019	6H01019-BLK1

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

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Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Chlorinated Herbicides by EPA Method 515.1					
Dalapon	0.353	U	ug/L	6H01019	6H01019-BLK1
Dinoseb	0.0846	U	ug/L	6H01019	6H01019-BLK1
Pentachlorophenol	0.0109	U	ug/L	6H01019	6H01019-BLK1
Picloram	0.0342	U	ug/L	6H01019	6H01019-BLK1
Surrogate: DCAA	3.95		ug/L	6H01019	6H01019-BLK1
Purgeable Organic Compounds by EPA Method 524.2					
1,1,1,2-Tetrachloroethane	0.170	U	ug/L	6G31034	6G31034-BLK1
1,1,1-Trichloroethane	0.400	U	ug/L	6G31034	6G31034-BLK1
1,1,2,2-Tetrachloroethane	0.120	U	ug/L	6G31034	6G31034-BLK1
1,1,2-Trichloroethane	0.210	U	ug/L	6G31034	6G31034-BLK1
1,1-Dichloroethane	0.130	U	ug/L	6G31034	6G31034-BLK1
1,1-Dichloroethene	0.160	U	ug/L	6G31034	6G31034-BLK1
1,1-Dichloropropene	0.160	U	ug/L	6G31034	6G31034-BLK1
1,2,3-Trichlorobenzene	0.370	U	ug/L	6G31034	6G31034-BLK1
1,2,3-Trichloropropane	0.380	U	ug/L	6G31034	6G31034-BLK1
1,2,4-Trichlorobenzene	0.470	U	ug/L	6G31034	6G31034-BLK1
1,2,4-Trimethylbenzene	0.140	U	ug/L	6G31034	6G31034-BLK1
1,2-Dibromo-3-chloropropane	0.490	U	ug/L	6G31034	6G31034-BLK1
1,2-Dibromoethane (EDB)	0.270	U	ug/L	6G31034	6G31034-BLK1
1,2-Dichlorobenzene	0.170	U	ug/L	6G31034	6G31034-BLK1
1,2-Dichloroethane	0.110	U	ug/L	6G31034	6G31034-BLK1
1,2-Dichloropropane	0.110	U	ug/L	6G31034	6G31034-BLK1
1,3,5-Trimethylbenzene	0.0700	U	ug/L	6G31034	6G31034-BLK1
1,3-Dichlorobenzene	0.160	U	ug/L	6G31034	6G31034-BLK1
1,3-Dichloropropane	0.200	U	ug/L	6G31034	6G31034-BLK1
1,4-Dichlorobenzene	0.150	U	ug/L	6G31034	6G31034-BLK1
1,4-Dichloropropane	0.330	U	ug/L	6G31034	6G31034-BLK1
2-Butanone	0.470	U	ug/L	6G31034	6G31034-BLK1
2-Chlorotoluene	0.450	U	ug/L	6G31034	6G31034-BLK1
4-Chlorotoluene	0.110	U	ug/L	6G31034	6G31034-BLK1
Acetone	0.320	U	ug/L	6G31034	6G31034-BLK1
Benzene	0.130	U	ug/L	6G31034	6G31034-BLK1
Bromobenzene	0.120	U	ug/L	6G31034	6G31034-BLK1
Bromochloromethane	0.350	U	ug/L	6G31034	6G31034-BLK1
Bromodichloromethane	0.260	U	ug/L	6G31034	6G31034-BLK1
Bromoform	0.230	U	ug/L	6G31034	6G31034-BLK1
Bromomethane	0.270	U	ug/L	6G31034	6G31034-BLK1
Carbon Tetrachloride	0.420	U	ug/L	6G31034	6G31034-BLK1
Chlorobenzene	0.0700	U	ug/L	6G31034	6G31034-BLK1
Chlorodibromomethane	0.180	U	ug/L	6G31034	6G31034-BLK1
Chloroethane	0.450	U	ug/L	6G31034	6G31034-BLK1

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Purgeable Organic Compounds by EPA Method 524.2					
Chloroform	0.130	U	ug/L	6G31034	6G31034-BLK1
Chloromethane	0.150	U	ug/L	6G31034	6G31034-BLK1
cis-1,2-Dichloroethene	0.320	U	ug/L	6G31034	6G31034-BLK1
cis-1,3-Dichloropropene	0.170	U	ug/L	6G31034	6G31034-BLK1
Dibromomethane	0.230	U	ug/L	6G31034	6G31034-BLK1
Dichlorodifluoromethane	0.190	U	ug/L	6G31034	6G31034-BLK1
Ethylbenzene	0.0900	U	ug/L	6G31034	6G31034-BLK1
Hexachlorobutadiene	0.470	U	ug/L	6G31034	6G31034-BLK1
Hexachloroethane	0.420	U	ug/L	6G31034	6G31034-BLK1
Isopropylbenzene	0.110	U	ug/L	6G31034	6G31034-BLK1
Methyl tert-Butyl Ether	0.390	U	ug/L	6G31034	6G31034-BLK1
Methylene Chloride	0.340	U	ug/L	6G31034	6G31034-BLK1
Naphthalene	0.250	U	ug/L	6G31034	6G31034-BLK1
n-Butylbenzene	0.280	U	ug/L	6G31034	6G31034-BLK1
n-Propylbenzene	0.200	U	ug/L	6G31034	6G31034-BLK1
p-Isopropyltoluene	0.190	U	ug/L	6G31034	6G31034-BLK1
sec-Butylbenzene	0.190	U	ug/L	6G31034	6G31034-BLK1
Styrene	0.110	U	ug/L	6G31034	6G31034-BLK1
tert-Butylbenzene	0.240	U	ug/L	6G31034	6G31034-BLK1
Tetrachloroethene	0.120	U	ug/L	6G31034	6G31034-BLK1
Toluene	0.160	U	ug/L	6G31034	6G31034-BLK1
Total THM's	0.260	U	ug/L	6G31034	6G31034-BLK1
trans-1,2-Dichloroethene	0.300	U	ug/L	6G31034	6G31034-BLK1
trans-1,3-Dichloropropene	0.150	U	ug/L	6G31034	6G31034-BLK1
Trichloroethene	0.280	U	ug/L	6G31034	6G31034-BLK1
Trichlorofluoromethane	0.390	U	ug/L	6G31034	6G31034-BLK1
Vinyl chloride	0.230	U	ug/L	6G31034	6G31034-BLK1
Xylenes, total	0.250	U	ug/L	6G31034	6G31034-BLK1
Surrogate: 1,2-Dichlorobenzene-d4	9.04		ug/L	6G31034	6G31034-BLK1
Surrogate: 4-Bromofluorobenzene	9.86		ug/L	6G31034	6G31034-BLK1
Carbamates in Water by EPA Method 531.1					
Carbofuran	0.547	U	ug/L	6H07010	6H07010-BLK1
Oxamyl	0.530	U	ug/L	6H07010	6H07010-BLK1
Organic Compounds by EPA 547					
Glyphosate	4.44	U	ug/L	6G31013	6G31013-BLK1
Organic Compounds by EPA 548					
Endothall	2.31	U	ug/L	6G31026	6G31026-BLK1
Organic Compounds by EPA Method 549.2					
Diquat	0.250	U	ug/L	6G31039	6G31039-BLK1
Organochlorine Pesticides and PCBs by EPA Method 608					
Chlordane	0.0120	U	ug/L	6H02038	6H02038-BLK1
Dieldrin	0.0190	U	ug/L	6H02038	6H02038-BLK1

TestAmerica - Orlando, FL
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Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Organochlorine Pesticides and PCBs by EPA Method 608					
gamma-BHC (Lindane)	0.00900	U	ug/L	6H02038	6H02038-BLK1
Heptachlor	0.0110	U	ug/L	6H02038	6H02038-BLK1
Heptachlor epoxide	0.0110	U	ug/L	6H02038	6H02038-BLK1
Methoxychlor	0.0230	U	ug/L	6H02038	6H02038-BLK1
Toxaphene	0.242	U	ug/L	6H02038	6H02038-BLK1
Surrogate: Decachlorobiphenyl	0.990		ug/L	6H02038	6H02038-BLK1
Surrogate: Tetrachloro-meta-xylene	0.810		ug/L	6H02038	6H02038-BLK1

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters								
pH	7.39	7.41		pH Units	0.3	2.2	6G28004	OPG0403-01
Total Dissolved Solids	358	352		mg/L	2	20	6H01043	OPG0369-10
Organochlorine Pesticides and PCBs by EPA Method 608								
Chlordane	<0.0120	0.0120	U	ug/L		50	6H02038	OPG0403-01
Aldrin	<0.0190	0.0190	U	ug/L		50	6H02038	OPG0403-01
Gamma-BHC (Lindane)	<0.00900	0.00900	U	ug/L		50	6H02038	OPG0403-01
Heptachlor	<0.0110	0.0110	U	ug/L		50	6H02038	OPG0403-01
Heptachlor epoxide	<0.0110	0.0110	U	ug/L		50	6H02038	OPG0403-01
Methoxychlor	<0.0230	0.0230	U	ug/L		50	6H02038	OPG0403-01
Toxaphene	<0.242	0.242	U	ug/L		50	6H02038	OPG0403-01
Surrogate: Decachlorobiphenyl		0.591		ug/L			6H02038	OPG0403-01
Surrogate: Tetrachloro-meta-xylene		0.672		ug/L			6H02038	OPG0403-01

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-651-2560 * Fax 407-856-0866

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
General Chemistry Parameters							
Cyanide	0.200	0.201		mg/L	100	80 - 120	6H04043
Fluoride	1.00	1.02		mg/L	102	90 - 110	6G27011
Methylene Blue Active Substances	1.00	1.02		mg/L	102	90 - 110	6G28007
pH	6.00	5.98		pH Units	100	95 - 105	6G28004
Total Dissolved Solids	300	296		mg/L	99	90 - 110	6H01043
Chloride	50.0	47.9		mg/L	96	90 - 110	6G27011
Nitrate as N	1.00	0.976		mg/L	98	90 - 110	6G27011
Nitrite as N	1.00	0.971		mg/L	97	90 - 110	6G27011
Sulfate as SO4	50.0	46.7		mg/L	93	90 - 110	6G27011
Metals Total Recoverable							
Aluminum	0.396	0.418		mg/L	106	85 - 115	6H01005
Antimony	0.0400	0.0445		mg/L	111	80 - 120	6H02044
Arsenic	0.0400	0.0409		mg/L	102	80 - 120	6H02046
Barium	0.400	0.409		mg/L	102	85 - 115	6H01005
Beryllium	0.400	0.420		mg/L	105	85 - 115	6H01005
Cadmium	0.00400	0.00459		mg/L	115	80 - 120	6H02047
Chromium	0.0400	0.0429		mg/L	107	80 - 120	6H02048
Copper	0.400	0.398		mg/L	100	85 - 115	6H01005
Iron	0.400	0.399		mg/L	100	85 - 115	6H01005
Lead	0.0400	0.0433		mg/L	108	80 - 120	6H02050
Manganese	0.400	0.401		mg/L	100	85 - 115	6H01005
Mercury	0.00200	0.00196		mg/L	98	85 - 115	6H01004
Nickel	0.400	0.402		mg/L	100	85 - 115	6H01005
Selenium	0.0400	0.0442		mg/L	110	80 - 120	6H02052
Silver	0.400	0.422		mg/L	106	85 - 115	6H01005
Sodium	40.0	39.5		mg/L	99	85 - 115	6H01005
Thallium	0.0400	0.0452		mg/L	113	80 - 120	6H02051
Zinc	0.400	0.422		mg/L	106	85 - 115	6H01005
EDB and DBCP by EPA Method 504.1							
1,2-Dibromoethane (EDB)	0.250	0.250		ug/L	100	70 - 130	6H08021
1,2-Dibromo-3-chloropropane	0.250	0.249		ug/L	100	70 - 130	6H08021
Nitrogen/Phosphorus Pesticides by EPA Method 507							
Atrazine	2.50	2.69		ug/L	108	70 - 130	6H01014
Simazine	2.50	3.14		ug/L	126	70 - 130	6H01014
Metolachlor	1.25	1.41		ug/L	113	70 - 130	6H01014
Surrogate: 1-Bromo-2-Nitrobenzene	0.500	0.508		ug/L	102	70 - 130	6H01014
Chlorinated Pesticides and PCBs by EPA Method 508							
PCBs		0.100		ug/L		70 - 130	6H01014
Chlorinated Herbicides by EPA Method 515.1							
2,4-D	1.00	0.906		ug/L	91	48 - 214	6H01019

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P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Chlorinated Herbicides by EPA Method 515.1							
2,4,5-TP (Silvex)	1.00	0.906		ug/L	91	42 - 226	6H01019
Dalapon	5.00	5.16		ug/L	103	40 - 160	6H01019
Dinoseb	1.00	0.458		ug/L	46	27 - 138	6H01019
Pentachlorophenol	1.00	0.914		ug/L	91	36 - 224	6H01019
Picloram	1.00	0.874		ug/L	87	44 - 138	6H01019
Surrogate: DCAA	5.00	5.30		ug/L	106	70 - 130	6H01019
Purgeable Organic Compounds by EPA Method 524.2							
1,1,2-Tetrachloroethane	10.0	10.2		ug/L	102	70 - 130	6G31034
1,1,1-Trichloroethane	10.0	9.72		ug/L	97	70 - 130	6G31034
1,2,2-Tetrachloroethane	10.0	10.5		ug/L	105	70 - 130	6G31034
1,1,2-Trichloroethane	10.0	10.1		ug/L	101	70 - 130	6G31034
1,1-Dichloroethane	10.0	9.72		ug/L	97	70 - 130	6G31034
1,1-Dichloroethene	10.0	9.53		ug/L	95	70 - 130	6G31034
1,1-Dichloropropene	10.0	9.80		ug/L	98	70 - 130	6G31034
1,2,3-Trichlorobenzene	10.0	10.8		ug/L	108	70 - 130	6G31034
1,2,3-Trichloropropane	10.0	10.5		ug/L	105	70 - 130	6G31034
1,2,4-Trichlorobenzene	10.0	8.94		ug/L	89	70 - 130	6G31034
1,2,4-Trimethylbenzene	10.0	10.1		ug/L	101	70 - 130	6G31034
1,2-Dibromo-3-chloropropane	10.0	11.7		ug/L	117	70 - 130	6G31034
1,2-Dibromoethane (EDB)	10.0	10.1		ug/L	101	70 - 130	6G31034
1,2-Dichlorobenzene	10.0	9.98		ug/L	100	70 - 130	6G31034
1,2-Dichloroethane	10.0	9.47		ug/L	95	70 - 130	6G31034
1,2-Dichloropropane	10.0	9.97		ug/L	100	70 - 130	6G31034
1,3,5-Trimethylbenzene	10.0	10.1		ug/L	101	70 - 130	6G31034
1,3-Dichlorobenzene	10.0	10.7		ug/L	107	70 - 130	6G31034
1,3-Dichloropropane	10.0	9.91		ug/L	99	70 - 130	6G31034
1,4-Dichlorobenzene	10.0	10.3		ug/L	103	70 - 130	6G31034
1,4-Dichloropropane	10.0	9.37		ug/L	94	70 - 130	6G31034
2-Butanone	10.0	11.6		ug/L	116	70 - 130	6G31034
2-Chlorotoluene	10.0	10.1		ug/L	101	70 - 130	6G31034
4-Chlorotoluene	10.0	10.8		ug/L	108	70 - 130	6G31034
Acetone	10.0	11.6		ug/L	116	70 - 130	6G31034
Benzene	10.0	9.80		ug/L	98	70 - 130	6G31034
Bromobenzene	10.0	9.89		ug/L	99	70 - 130	6G31034
Bromochloromethane	10.0	9.93		ug/L	99	70 - 130	6G31034
Bromodichloromethane	10.0	9.95		ug/L	100	70 - 130	6G31034
Bromoform	10.0	8.49		ug/L	85	70 - 130	6G31034
Bromomethane	10.0	9.09		ug/L	91	70 - 130	6G31034
Carbon Tetrachloride	10.0	9.09		ug/L	91	70 - 130	6G31034

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Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Purgeable Organic Compounds by EPA Method 524.2							
Chlorobenzene	10.0	10.4		ug/L	104	70 - 130	6G31034
Chlorodibromomethane	10.0	10.4		ug/L	104	70 - 130	6G31034
Chloroethane	10.0	10.6		ug/L	106	70 - 130	6G31034
Chloroform	10.0	9.14		ug/L	91	70 - 130	6G31034
Chloromethane	10.0	10.5		ug/L	105	70 - 130	6G31034
cis-1,2-Dichloroethene	10.0	9.89		ug/L	99	70 - 130	6G31034
cis-1,3-Dichloropropene	10.0	10.6		ug/L	106	70 - 130	6G31034
Dibromomethane	10.0	10.2		ug/L	102	70 - 130	6G31034
Dichlorodifluoromethane	10.0	9.80		ug/L	98	70 - 130	6G31034
Ethylbenzene	10.0	10.2		ug/L	102	70 - 130	6G31034
Hexachlorobutadiene	10.0	9.21		ug/L	92	70 - 130	6G31034
Hexachloroethane	10.0	11.0		ug/L	110	70 - 130	6G31034
Isopropylbenzene	10.0	9.87		ug/L	99	70 - 130	6G31034
Methyl tert-Butyl Ether	10.0	9.13		ug/L	91	70 - 130	6G31034
Methylene Chloride	10.0	10.7		ug/L	107	70 - 130	6G31034
Naphthalene	10.0	10.8		ug/L	108	70 - 130	6G31034
n-Butylbenzene	10.0	9.90		ug/L	99	70 - 130	6G31034
n-Propylbenzene	10.0	10.2		ug/L	102	70 - 130	6G31034
p-Isopropyltoluene	10.0	9.65		ug/L	96	70 - 130	6G31034
sec-Butylbenzene	10.0	9.64		ug/L	96	70 - 130	6G31034
Styrene	10.0	11.0		ug/L	110	70 - 130	6G31034
tert-Butylbenzene	10.0	10.1		ug/L	101	70 - 130	6G31034
Tetrachloroethene	10.0	9.72		ug/L	97	70 - 130	6G31034
Toluene	10.0	10.1		ug/L	101	70 - 130	6G31034
Total THM's		0.260		ug/L		70 - 130	6G31034
trans-1,2-Dichloroethene	10.0	10.0		ug/L	100	70 - 130	6G31034
trans-1,3-Dichloropropene	10.0	10.8		ug/L	108	70 - 130	6G31034
Trichloroethene	10.0	9.72		ug/L	97	70 - 130	6G31034
Trichlorofluoromethane	10.0	9.60		ug/L	96	70 - 130	6G31034
Vinyl chloride	10.0	10.8		ug/L	108	70 - 130	6G31034
Xylenes, total	30.0	30.5		ug/L	102	70 - 130	6G31034
Surrogate: 1,2-Dichlorobenzene-d4	10.0	10.0		ug/L	100	70 - 130	6G31034
Surrogate: 4-Bromofluorobenzene	10.0	9.89		ug/L	99	70 - 130	6G31034
Carbamates in Water by EPA Method 531.1							
Carbofuran	25.0	24.3		ug/L	97	80 - 120	6H07010
Oxamyl	25.0	21.8		ug/L	87	80 - 120	6H07010
Organic Compounds by EPA 547							
Glyphosate	500	590		ug/L	118	70 - 130	6G31013
Organic Compounds by EPA 548							

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P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Organic Compounds by EPA 548							
Endothall	50.0	64.3		ug/L	129	70 - 130	6G31026
Organic Compounds by EPA Method 549.2							
Diquat	20.0	19.0		ug/L	95	70 - 130	6G31039
Organochlorine Pesticides and PCBs by EPA Method 608							
Endrin	1.00	0.909		ug/L	91	30 - 147	6H02038
gamma-BHC (Lindane)	1.00	0.927		ug/L	93	32 - 127	6H02038
Heptachlor	1.00	0.756		ug/L	76	34 - 111	6H02038
Heptachlor epoxide	1.00	0.875		ug/L	88	37 - 142	6H02038
Methoxychlor	1.00	0.981		ug/L	98	71 - 146	6H02038
Toxaphene		0.242		ug/L		41 - 126	6H02038
Surrogate: Decachlorobiphenyl	1.00	0.972		ug/L	97	32 - 125	6H02038
Surrogate: Tetrachloro-meta-xylene	1.00	0.837		ug/L	84	36 - 123	6H02038

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Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
General Chemistry Parameters									
Cyanide	0.0322	0.205		mg/L	0.204	85	42.5 - 132	6H04043	OPG0342-01
Fluoride	0.508	2.02		mg/L	1.15	131	22 - 167	6G27011	OPG0407-01
Methylene Blue Active Substances	0.0720	1.11		mg/L	1.00	104	0 - 155	6G28007	OPG0403-01
Chloride	17.1	73.2		mg/L	57.5	98	61 - 131	6G27011	OPG0407-01
Nitrate as N	<0.0106	1.09		mg/L	1.15	95	66 - 155	6G27011	OPG0407-01
Nitrite as N	<0.00862	1.05		mg/L	1.15	91	84 - 144	6G27011	OPG0407-01
Sulfate as SO4	40.9	100		mg/L	57.5	103	80 - 120	6G27011	OPG0407-01
Metals Total Recoverable									
Aluminum	0.0565	0.434		mg/L	0.396	95	70 - 130	6H01005	OPG0403-01
Antimony	<0.00160	0.0438		mg/L	0.0400	110	85 - 115	6H02044	OPG0403-01
Arsenic	0.00240	0.0388		mg/L	0.0400	91	85 - 115	6H02046	OPG0403-01
Barium	0.0142	0.390		mg/L	0.400	94	70 - 130	6H01005	OPG0403-01
Beryllium	<0.00200	0.387		mg/L	0.400	97	70 - 130	6H01005	OPG0403-01
Cadmium	0.000280	0.00391		mg/L	0.00400	91	85 - 115	6H02047	OPG0403-01
Chromium	0.00260	0.0439		mg/L	0.0400	103	85 - 115	6H02048	OPG0403-01
Copper	<0.00540	0.376		mg/L	0.400	94	70 - 130	6H01005	OPG0403-01
Iron	0.0629	0.423		mg/L	0.400	90	70 - 130	6H01005	OPG0403-01
Lead	0.00310	0.0419		mg/L	0.0400	97	85 - 115	6H02050	OPG0403-01
Manganese	0.0126	0.384		mg/L	0.400	93	70 - 130	6H01005	OPG0403-01
Mercury	<0.0000600	0.00181		mg/L	0.00200	90	70 - 130	6H01004	OPG0403-01
Nickel	<0.00600	0.362		mg/L	0.400	90	70 - 130	6H01005	OPG0403-01
Selenium	<0.00200	0.0374		mg/L	0.0400	94	85 - 115	6H02052	OPG0403-01
Silver	<0.00532	0.385		mg/L	0.400	96	70 - 130	6H01005	OPG0403-01
Sodium	46.1	82.3		mg/L	40.0	91	70 - 130	6H01005	OPG0403-01
Thallium	0.00290	0.0460		mg/L	0.0400	108	60.5 - 133	6H02051	OPG0403-01
Zinc	0.0465	0.429		mg/L	0.400	96	70 - 130	6H01005	OPG0403-01
EDB and DBCP by EPA Method 504.1									
1,2-Dibromoethane (EDB)	<0.00360	0.254		ug/L	0.250	102	70 - 130	6H08021	OPG0403-01
1,2-Dibromoethane (EDB)	<0.00360	0.270		ug/L	0.250	108	70 - 130	6H08021	OPH0030-01
1,2-Dibromo-3-chloropropane	<0.00240	0.269		ug/L	0.250	108	70 - 130	6H08021	OPG0403-01
1,2-Dibromo-3-chloropropane	<0.00240	0.255		ug/L	0.250	102	70 - 130	6H08021	OPH0030-01
Carbamates in Water by EPA Method 531.1									
Carbofuran	<0.547	28.8		ug/L	25.0	115	65 - 135	6H07010	OPG0403-01
Oxamyl	<0.530	22.9		ug/L	25.0	92	65 - 135	6H07010	OPG0403-01
Organic Compounds by EPA 547									
Glyphosate	<4.44	574		ug/L	500	115	70 - 130	6G31013	OPG0444-01
Glyphosate	<4.44	530		ug/L	500	106	70 - 130	6G31013	OPG0403-01
Organic Compounds by EPA 548									
Endothall	<2.31	28.9	J4	ug/L	50.0	58	70 - 130	6G31026	OPG0444-39
Endothall	<2.31	4.90	J4,	ug/L	50.0	10	70 - 130	6G31026	OPG0444-01

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
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Client: TRI-TECH LABORATORIES, INC.
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Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Organic Compounds by EPA Method 549.2									
Diquat	<0.250	8.85	J4	ug/L	20.0	44	70 - 130	6G31039	OPG0444-01
Diquat	<0.250	6.80	J4	ug/L	20.0	34	70 - 130	6G31039	OPG0444-15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

nalyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
eneral Chemistry Parameters										
yanide	0.0322	0.206		mg/L	0.204	85	0.5	42.5	6H04043	OPG0342-01
uoride	0.508	2.03		mg/L	1.15	132	0.5	18	6G27011	OPG0407-01
lethylene Blue Active Substances	0.0720	1.11		mg/L	1.00	104	0	25	6G28007	OPG0403-01
hloride	17.1	73.1		mg/L	57.5	97	0.1	8	6G27011	OPG0407-01
itrate as N	<0.0106	1.09		mg/L	1.15	95	0	8.4	6G27011	OPG0407-01
trite as N	<0.00862	1.05		mg/L	1.15	91	0	19.4	6G27011	OPG0407-01
lfate as SO4	40.9	100		mg/L	57.5	103	0	12	6G27011	OPG0407-01
etals Total Recoverable										
uminum	0.0565	0.448		mg/L	0.396	99	3	20	6H01005	OPG0403-01
timony	<0.00160	0.0432		mg/L	0.0400	108	1	20	6H02044	OPG0403-01
senic	0.00240	0.0352	J4	mg/L	0.0400	82	10	20	6H02046	OPG0403-01
rium	0.0142	0.408		mg/L	0.400	98	5	20	6H01005	OPG0403-01
ryllium	<0.00200	0.403		mg/L	0.400	101	4	20	6H01005	OPG0403-01
dmium	0.000280	0.00372		mg/L	0.00400	86	5	20	6H02047	OPG0403-01
romium	0.00260	0.0451		mg/L	0.0400	106	3	20	6H02048	OPG0403-01
pper	<0.00540	0.390		mg/L	0.400	97	4	20	6H01005	OPG0403-01
n	0.0629	0.438		mg/L	0.400	94	3	20	6H01005	OPG0403-01
ad	0.00310	0.0353	J4	mg/L	0.0400	81	17	20	6H02050	OPG0403-01
nganese	0.0126	0.407		mg/L	0.400	99	6	20	6H01005	OPG0403-01
rcury	<0.0000600	0.00179		mg/L	0.00200	90	1	20	6H01004	OPG0403-01
kel	<0.00600	0.376		mg/L	0.400	94	4	20	6H01005	OPG0403-01
enium	<0.00200	0.0397		mg/L	0.0400	99	6	20	6H02052	OPG0403-01
ver	<0.00532	0.401		mg/L	0.400	100	4	20	6H01005	OPG0403-01
ium	46.1	86.1		mg/L	40.0	100	5	20	6H01005	OPG0403-01
llium	0.00290	0.0415		mg/L	0.0400	96	10	17.4	6H02051	OPG0403-01
c	0.0465	0.438		mg/L	0.400	98	2	20	6H01005	OPG0403-01

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-651-2560 * Fax 407-856-0886

Client: TRI-TECH LABORATORIES, INC.
P.O. BOX 140966
ORLANDO, FL 32814-0966
Attn: LINDA TRYTEK

Work Order: OPG0403
Project: NEW PERMIT RECLAIM
Project Number: 0607-692-1

Sampled: 07/26/06
Received: 07/27/06

CERTIFICATION SUMMARY

TestAmerica - Orlando, FL

Method	Matrix	Nelac	Florida
EPA 150.1	Water - NonPotable	X	X
EPA 160.1	Water - NonPotable	X	X
EPA 1613	Water - NonPotable		
EPA 200.7	Water - NonPotable	X	X
EPA 204.2	Water - NonPotable	X	X
EPA 206.2	Water - NonPotable	X	X
EPA 213.2	Water - NonPotable	X	X
EPA 218.2	Water - NonPotable	X	X
EPA 239.2	Water - NonPotable	X	X
EPA 245.1	Water - NonPotable	X	X
EPA 270.2	Water - NonPotable	X	X
EPA 279.2	Water - NonPotable	X	X
EPA 300.0	Water - NonPotable	X	X
EPA 335.3	Water - NonPotable	X	X
EPA 504.1	Water - NonPotable	X	X
EPA 507	Water - NonPotable		
EPA 508	Water - NonPotable		
EPA 515.1	Water - NonPotable		
EPA 524.2	Water - NonPotable		
EPA 525.2	Water - NonPotable		
EPA 531.1	Water - NonPotable		
EPA 547	Water - NonPotable		
EPA 548.1	Water - NonPotable		
EPA 549.2	Water - NonPotable		
EPA 608	Water - NonPotable	X	X
EPA 900.0	Water - NonPotable		
EPA 903.1	Water - NonPotable		
Ra-05	Water - NonPotable		
SM 2150B	Water - NonPotable		
SM 5540C	Water - NonPotable	X	X

bcontracted Laboratories

no River Labs LLC Florida Cert #E87769

2445 South Alston Avenue - Durham, NORTH CAROLINA 27713

Method Performed: EPA 1613
Samples: OPG0403-01

lorida Radiochemistry Services Inc. Florida Cert #E83033, North Carolina Cert #12709, South Carolina Cert #96037001, Tennessee Cert ##02928

5456 Hoffner Road Suite 201 - Orlando, FL 32812

Method Performed: EPA 900.0
Samples: OPG0403-01
Method Performed: EPA 903.1
Samples: OPG0403-01
Method Performed: Ra-05
Samples: OPG0403-01

TestAmerica - Orlando, FL
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-651-2560 * Fax 407-856-0886

Client:	TRI-TECH LABORATORIES, INC.	Work Order:	OPG0403	Sampled:	07/26/06
	P.O. BOX 140966	Project:	NEW PERMIT RECLAIM	Received:	07/27/06
	ORLANDO, FL 32814-0966	Project Number:	0607-692-I		
Attn:	LINDA TRYTEK				

DATA QUALIFIERS AND DEFINITIONS

I	Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations in this range are estimated.
J4	The sample matrix interfered with the ability to make an accurate determination.
L	Off-scale high, actual value is known to be greater than the value given.
Q	Sample analyzed beyond acceptable holding time.
U	The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

Volume 3E

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: January, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	2,195,000		3.60								1.50	
2	X	24	1,596,000		1.80								1.20	
3	X	24	1,733,000		2.00								1.20	
4	X	24	1,674,000		3.20								1.50	
5	X	24	2,201,000		3.00								1.20	
6	X	24	1,772,000		2.80								1.20	
7	X	24	1,794,000		2.70								1.40	
8	X	24	1,882,000		2.40								1.10	
9	X	24	1,986,000		2.00								0.70	
10	X	24	1,403,000		2.50								1.20	
11	X	24	1,618,000		3.00								1.50	
12	X	24	2,155,000		2.90								1.30	
13	X	24	1,698,000		2.50								1.30	
14	X	24	1,591,000		2.20								1.10	
15	X	24	2,225,000		2.00								1.20	
16	X	24	1,455,000		3.50								2.00	
17	X	24	1,651,000		2.00								1.30	
18	X	24	1,689,000		2.00								1.00	
19	X	24	1,900,000		2.50								1.30	
20	X	24	1,756,000		2.30								1.20	
21	X	24	1,680,000		2.00								1.30	
22	X	24	1,767,000		2.20								1.10	
23	X	24	1,837,000		2.70								1.50	
24	X	24	1,622,000		2.80								1.50	
25	X	24	1,650,000		2.00								1.00	
26	X	24	2,034,000		1.50								0.70	
27	X	24	1,651,000		1.80								0.90	
28	X	24	1,734,000		2.40								1.30	
29	X	24	2,271,000		2.00								1.10	
30	X	24	1,502,000		1.70								0.80	
31	X	24	1,583,000		2.00								1.10	
Total			55,305,000											
Average			1,784,032											
Maximum			2,271,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916	Plant Name: Southlake

III. Daily Data for the Month/Year of: February, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,696,000		1.50								0.70	
2	X	24	2,165,000		2.00								1.20	
3	X	24	1,608,000		1.80								1.20	
4	X	24	1,546,000		2.10								1.10	
5	X	24	1,669,000		2.20								1.30	
6	X	24	1,617,000		1.70								0.60	
7	X	24	1,605,000		1.50								0.60	
8	X	24	1,671,000		1.50								0.60	
9	X	24	2,101,000		1.70								0.80	
10	X	24	1,690,000		1.50								1.00	
11	X	24	1,635,000		1.80								0.70	
12	X	24	1,884,000		1.60								1.00	
13	X	24	1,821,000		1.20								0.70	
14	X	24	1,697,000		1.10								0.60	
15	X	24	1,684,000		1.30								0.80	
16	X	24	2,067,000		1.20								0.60	
17	X	24	1,821,000		1.20								0.90	
18	X	24	1,862,000		1.40								1.10	
19	X	24	1,909,000		1.10								0.80	
20	X	24	1,979,000		1.00								0.70	
21	X	24	1,765,000		1.20								0.60	
22	X	24	1,809,000		1.20								0.60	
23	X	24	2,256,000		1.20								0.70	
24	X	24	1,961,000		1.20								0.80	
25	X	24	1,767,000		1.30								0.80	
26	X	24	1,918,000		1.20								0.60	
27	X	24	1,837,000		1.10								0.70	
28	X	24	1,674,000		1.00								0.60	
29		24												
30		24												
31		24												
Total			50,714,000											
Average			1,811,214											
Maximum			2,256,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916	Plant Name: Southlake

III. Daily Data for the Month/Year of: March, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,706,000		1.20								0.70	
2	X	24	2,184,000		1.30								0.90	
3	X	24	1,876,000		1.00								0.70	Replaced impeller on HSP # 3.
4	X	24	1,751,000		1.10								0.70	
5	X	24	2,387,000		1.00								0.60	
6	X	24	1,634,000		1.10								0.80	Replaced impeller on HSP # 2.
7	X	24	1,753,000		1.10								0.70	
8	X	24	1,827,000		1.10								0.80	
9	X	24	2,314,000		1.10								0.80	
10	X	24	1,837,000		1.00								0.80	
11	X	24	2,003,000		1.10								0.80	
12	X	24	2,881,000		1.30								0.70	
13	X	24	1,221,000		1.10								0.80	
14	X	24	1,628,000		1.00								0.70	
15	X	24	1,855,000		1.10								0.80	
16	X	24	2,289,000		1.00								0.80	
17	X	24	2,137,000		1.00								0.80	
18	X	24	1,650,000		1.20								0.80	
19	X	24	2,336,000		1.10								0.80	
20	X	24	2,069,000		1.10								0.80	
21	X	24	1,683,000		1.00								0.80	
22	X	24	1,889,000		1.10								0.70	
23	X	24	2,448,000		1.00								0.70	
24	X	24	2,032,000		1.00								0.70	
25	X	24	1,686,000		1.00								0.50	
26	X	24	2,806,000		1.10								0.70	
27	X	24	1,655,000		1.00								0.60	
28	X	24	1,974,000		1.10								0.80	
29	X	24	2,027,000		1.20								0.80	
30	X	24	2,375,000		1.20								0.80	
31	X	24	2,515,000		1.20								0.80	
Total			62,428,000											
Average			2,013,806											
Maximum			2,881,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: April, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	2,128,000		1.10								0.60	
2	X	24	1,630,000		1.10								0.50	
3	X	24	2,819,000		1.10								0.80	
4	X	24	1,956,000		1.00								0.60	
5	X	24	1,929,000		1.20								0.70	
6	X	24	2,579,000		1.20								0.80	
7	X	24	2,302,000		1.20								0.80	
8	X	24	2,025,000		1.10								0.60	
9	X	24	2,242,000		1.00								0.60	
10	X	24	2,116,000		1.10								0.70	
11	X	24	1,920,000		1.00								0.50	
12	X	24	1,999,000		1.10								0.60	
13	X	24	2,439,000		1.20								0.80	
14	X	24	2,181,000		1.00								0.50	
15	X	24	2,109,000		1.10								0.70	
16	X	24	2,340,000		1.20								0.60	
17	X	24	2,257,000		1.00								0.70	
18	X	24	2,001,000		1.20								0.80	
19	X	24	1,996,000		1.10								0.70	
20	X	24	2,553,000		1.30								0.80	
21	X	24	2,298,000		1.00								0.80	
22	X	24	1,849,000		1.10								0.80	
23	X	24	1,942,000		1.00								0.60	
24	X	24	2,289,000		1.20								0.80	
25	X	24	1,832,000		1.10								0.70	
26	X	24	2,009,000		1.00								0.70	
27	X	24	2,339,000		1.10								0.80	
28	X	24	1,979,000		1.00								0.70	
29	X	24	1,929,000		1.00								0.60	
30	X	24	2,398,000		1.00								0.60	
31		24												
Total			64,385,000											
Average			2,146,166											
Maximum			2,819,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: May, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	2,019,000		1.00								0.70	
2	X	24	1,945,000		1.00								0.60	
3	X	24	1,899,000		1.00								0.70	
4	X	24	2,510,000		1.00								0.80	
5	X	24	2,165,000		1.00								0.70	
6	X	24	1,963,000		1.00								0.60	
7	X	24	2,584,000		1.00								0.80	
8	X	24	2,168,000		1.00								0.50	
9	X	24	1,979,000		1.00								0.70	
10	X	24	1,980,000		1.00								0.70	
11	X	24	2,410,000		1.00								0.70	
12	X	24	1,870,000		1.00								0.70	
13	X	24	1,683,000		1.00								0.60	
14	X	24	2,482,000		1.10								0.80	
15	X	24	2,191,000		1.00								0.60	
16	X	24	1,820,000		1.20								0.70	
17	X	24	1,704,000		1.00								0.70	
18	X	24	2,146,000		1.30								0.90	
19	X	24	2,191,000		1.00								0.70	
20	X	24	1,891,000		1.30								0.80	
21	X	24	3,104,000		1.10								0.60	
22	X	24	1,572,000		1.20								0.90	
23	X	24	2,048,000		1.10								0.80	
24	X	24	1,865,000		1.10								0.70	
25	X	24	2,400,000		1.00								0.80	
26	X	24	2,181,000		1.10								0.70	
27	X	24	1,782,000		1.00								0.60	
28	X	24	2,498,000		1.00								0.60	
29	X	24	1,796,000		1.10								0.80	
30	X	24	1,980,000		1.00								0.60	
31	X	24	1,942,000		1.10								0.60	
Total			64,768,000											
Average			2,089,290											
Maximum			3,104,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: June, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	2,402,000		1.10								0.70	
2	X	24	2,232,000		1.00								0.60	
3	X	24	2,042,000		1.00								0.50	
4	X	24	2,646,000		1.00								0.60	
5	X	24	2,109,000		1.10								0.70	
6	X	24	2,054,000		1.00								0.70	
7	X	24	1,983,000		1.00								0.60	
8	X	24	2,551,000		1.10								0.60	
9	X	24	2,333,000		1.10								0.80	
10	X	24	2,015,000		1.00								0.60	
11	X	24	2,731,000		1.00								0.70	
12	X	24	1,970,000		1.10								0.50	
13	X	24	1,616,000		1.10								0.70	
14	X	24	1,614,000		1.00								0.60	
15	X	24	2,095,000		1.20								0.50	
16	X	24	2,023,000		1.00								0.80	
17	X	24	1,650,000		1.00								0.60	
18	X	24	2,306,000		1.10								0.80	
19	X	24	2,093,000		1.10								0.60	
20	X	24	1,739,000		1.00								0.50	
21	X	24	1,819,000		1.20								0.50	
22	X	24	2,389,000		1.20								0.80	
23	X	24	2,169,000		1.10								0.60	
24	X	24	1,750,000		1.10								0.60	
25	X	24	3,415,000		1.10								0.80	Operator came late at night to check plant.
26	X	24	580,000		1.00								0.50	
27	X	24	1,612,000		0.80								0.40	
28	X	24	1,663,000		1.00								0.70	
29	X	24	2,010,000		1.20								0.70	
30	X	24	1,856,000		1.10								0.70	
31		24												
Total			61,467,000											
Average			2,048,900											
Maximum			3,415,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: July,2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,753,000		1.10								0.60	
2	X	24	2,388,000		1.20								0.80	
3	X	24	1,544,000		1.10								0.70	
4	X	24	1,746,000		1.00								0.70	
5	X	24	1,650,000		1.10								0.60	
6	X	24	2,051,000		1.10								0.70	
7	X	24	1,699,000		1.00								0.70	
8	X	24	1,573,000		1.00								0.60	
9	X	24	2,212,000		1.00								0.60	
10	X	24	1,959,000		1.00								0.50	
11	X	24	1,831,000		1.00								0.60	
12	X	24	1,730,000		1.10								0.80	
13	X	24	2,047,000		1.00								0.60	
14	X	24	1,918,000		1.20								0.80	
15	X	24	1,773,000		1.00								0.60	
16	X	24	2,410,000		1.00								0.60	
17	X	24	1,938,000		1.00								0.50	
18	X	24	1,488,000		1.00								0.40	
19	X	24	1,743,000		1.10								0.90	
20	X	24	2,256,000		1.10								0.90	
21	X	24	2,010,000		1.20								1.00	
22	X	24	1,826,000		1.10								0.80	
23	X	24	2,408,000		1.10								0.80	
24	X	24	1,751,000		1.10								0.80	
25	X	24	1,710,000		1.00								0.70	
26	X	24	1,950,000		1.00								0.60	
27	X	24	2,097,000		1.00								0.60	
28	X	24	1,949,000		1.10								0.80	
29	X	24	1,864,000		1.00								0.70	
30	X	24	2,470,000		1.30								1.00	
31	X	24	1,767,000		1.00								0.60	
Total			59,511,000											
Average			1,919,709											
Maximum			2,470,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: August, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,564,000		1.10								0.90	Finished water total based on efflt flow meter.
2	X	24	2,032,000		1.10								0.70	
3	X	24	2,125,000		1.10								0.80	
4	X	24	1,562,000		1.20								0.80	
5	X	24	1,959,000		1.20								0.80	
6	X	24	1,689,000		1.20								0.80	
7	X	24	2,301,000		1.20								0.80	
8	X	24	1,743,000		1.00								0.60	
9	X	24	2,064,000		1.20								0.50	
10	X	24	2,171,000		1.00								0.80	
11	X	24	2,021,000		1.20								0.90	
12	X	24	2,185,000		1.10								0.70	
13	X	24	2,387,000		1.10								0.80	
14	X	24	1,524,000		1.10								0.70	
15	X	24	1,738,000		1.00								0.60	
16	X	24	2,034,000		1.00								0.40	
17	X	24	2,191,000		1.10								0.70	
18	X	24	1,843,000		1.10								0.80	
19	X	24	2,054,000		1.10								0.80	
20	X	24	1,909,000		1.20								1.00	
21	X	24	1,827,000		1.10								0.50	
22	X	24	1,760,000		1.10								0.70	
23	X	24	1,944,000		1.10								0.80	
24	X	24	1,888,000		1.10								0.70	
25	X	24	1,705,000		1.20								0.80	
26	X	24	1,902,000		1.30								0.80	
27	X	24	1,970,000		1.60								1.10	
28	X	24	1,494,000		1.10								0.80	
29	X	24	1,666,000		1.10								0.90	
30	X	24	1,778,000		1.20								0.90	
31	X	24	1,634,000		1.20								1.00	
Total			58,664,000											
Average			1,892,387											
Maximum			2,387,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: Sept. 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, If Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,462,000		1.10								0.80	
2	X	24	1,569,000		1.10								0.80	
3	X	24	2,113,000		1.50								1.00	
4	X	24	1,534,000		1.00								0.80	
5	X	24	1,399,000		1.00								0.70	
6	X	24	1,725,000		1.10								0.90	
7	X	24	1,856,000		1.10								0.70	
8	X	24	1,604,000		1.10								0.90	
9	X	24	1,788,000		1.20								1.00	
10	X	24	2,032,000		1.10								0.80	
11	X	24	1,487,000		1.00								0.50	
12	X	24	1,565,000		1.10								0.50	
13	X	24	1,724,000		1.00								0.40	
14	X	24	1,892,000		1.10								0.80	
15	X	24	1,463,000		1.00								0.50	
16	X	24	1,481,000		1.00								0.60	
17	X	24	1,920,000		1.00								0.60	
18	X	24	1,673,000		1.00								0.50	
19	X	24	1,408,000		1.00								0.50	
20	X	24	1,369,000		1.00								0.50	
21	X	24	1,848,000		1.00								0.70	
22	X	24	1,527,000		1.00								0.50	
23	X	24	2,083,000		1.00								0.50	
24	X	24	1,930,000		1.00								0.60	
25	X	24	1,522,000		1.00								0.40	
26	X	24	1,368,000		1.00								0.40	
27	X	24	1,552,000		1.00								0.40	
28	X	24	1,779,000		1.00								0.70	
29	X	24	1,483,000		1.00								0.50	
30	X	24	1,678,000		1.00								0.60	
31		24												
Total			49,834,000											
Average			1,661,133											
Maximum			2,113,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: October, 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	X	24	1,952,000		1.00								0.60	
2	X	24	1,511,000		1.00								0.50	
3	X	24	1,417,000		1.00								0.40	
4	X	24	1,739,000		1.00								0.40	
5	X	24	1,923,000		1.00								0.70	
6	X	24	1,721,000		1.00								0.60	
7	X	24	1,896,000		1.00								0.60	
8	X	24	2,195,000		1.10								0.80	
9	X	24	1,593,000		1.00								0.50	
10	X	24	1,576,000		1.00								0.50	
11	X	24	1,995,000		1.00								0.30	
12	X	24	2,041,000		1.00								0.70	
13	X	24	1,767,000		1.00								0.60	
14	X	24	2,017,000		1.10								0.80	
15	X	24	1,982,000		1.20								1.00	
16	X	24	1,804,000		1.00								0.70	
17	X	24	1,754,000		1.00								0.70	
18	X	24	2,001,000		1.20								0.70	
19	X	24	1,952,000		1.00								0.70	
20	X	24	1,476,000		1.00								0.40	Replaced well pump on well "D" today.
21	X	24	1,846,000		1.00								0.60	Sent day 1&2 well BT's to the lab today.
22	X	24	2,500,000		1.00								0.80	Received the OK from the lab regard well "D"
23	X	24	1,641,000		1.00								0.70	
24	X	24	1,572,000		1.00								0.70	
25	X	24	2,019,000		1.00								0.60	
26	X	24	2,093,000		1.10								0.80	
27	X	24	1,738,000		1.10								0.80	
28	X	24	1,763,000		1.10								0.80	
29	X	24	2,214,000		1.00								0.70	
30	X	24	1,434,000		1.10								0.80	
31	X	24	1,605,000		1.10								0.80	
Total			56,737,000											
Average			1,830,225											
Maximum			2,500,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: November 2006.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

				CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*											
				CT Calculations							UV Dose				
Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
1	X	24	1,939,000		1.10								0.60	
2	X	24	1,977,000		1.10								0.80	
3	X	24	1,679,000		1.10								0.80	
4	X	24	1,902,000		1.10								0.80	
5	X	24	2,137,000		1.20								0.80	
6	X	24	1,594,000		1.00								0.70	
7	X	24	1,550,000		1.00								0.70	
8	X	24	1,551,000		1.10								0.80	
9	X	24	1,856,000		1.10								0.80	
10	X	24	1,539,000		1.10								0.80	
11	X	24	1,752,000		1.20								0.80	
12	X	24	2,031,000		1.40								1.00	
13	X	24	1,453,000		1.00								0.60	
14	X	24	1,332,000		1.00								0.70	
15	X	24	1,747,000		1.00								0.70	
16	X	24	1,830,000		1.10								0.80	
17	X	24	1,277,000		1.10								0.80	
18	X	24	1,671,000		1.10								0.70	
19	X	24	2,082,000		1.10								0.80	
20	X	24	1,436,000		1.10								0.80	
21	X	24	1,391,000		1.00								0.80	
22	X	24	1,833,000		1.00								0.80	
23	X	24	2,027,000		1.30								0.90	
24	X	24	1,705,000		1.00								0.70	
25	X	24	1,749,000		1.30								1.00	
26	X	24	2,177,000		1.30								0.90	
27	X	24	1,349,000		1.10								0.80	
28	X	24	1,451,000		1.00								0.70	
29	X	24	1,597,000		1.10								0.80	
30	X	24	1,586,000		1.20								0.90	
31		24												
Total			51,200,000											
Average			1,706,666											
Maximum			2,177,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: December, 06.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,572,000		1.10								0.80	
2	X	24	1,672,000		1.20								0.80	
3	X	24	2,030,000		1.50								1.00	
4	X	24	1,420,000		1.10								0.90	
5	X	24	1,391,000		1.10								0.80	
6	X	24	1,764,000		1.10								0.60	
7	X	24	1,791,000		1.30								0.90	
8	X	24	1,444,000		1.10								0.80	
9	X	24	1,712,000		1.20								0.90	
10	X	24	2,035,000		1.40								1.00	
11	X	24	1,460,000		1.10								0.90	
12	X	24	1,431,000		1.10								0.50	HSP # 3 out of service (motor burned.)
13	X	24	1,727,000		1.20								0.90	
14	X	24	1,753,000		1.20								0.90	
15	X	24	1,259,000		1.00								0.80	
16	X	24	1,408,000		1.20								0.90	HSP # 1 out of service (motor burned.)
17	X	24	1,599,000		1.30								0.90	
18	X	24	1,741,000		1.10								0.90	
19	X	24	1,331,000		1.00								0.70	
20	X	24	1,460,000		1.10								0.80	Revision to previous MOR - clerical error.
21	X	24	1,857,000		1.30								0.90	HSP # 1 back in service with repaired motor.
22	X	24	1,482,000		1.10								0.90	
23	X	24	1,510,000		1.20								0.70	
24	X	24	1,735,000		1.30								0.90	
25	X	24	1,460,000		1.20								0.80	
26	X	24	1,259,000		1.00								0.80	
27	X	24	1,679,000		1.10								0.80	HSP # 3 back in service with a new motor.
28	X	24	1,835,000		1.10								0.70	
29	X	24	1,636,000		1.10								0.80	
30	X	24	1,794,000		1.20								0.90	
31	X	24	2,024,000		1.30								0.90	
Total			50,271,000											
Average			1,621,645											
Maximum			2,035,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: Janury,07

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,758,000		1.00								0.80	
2	X	24	1,197,000		1.00								0.80	
3	X	24	1,820,000		1.00								0.80	
4	X	24	1,357,000		1.10								0.90	
5	X	24	1,580,000		1.10								0.90	
6	X	24	1,722,000		1.00								0.80	
7	X	24	2,000,000		1.00								0.90	
8	X	24	1,381,000		1.00								0.90	
9	X	24	1,367,000		1.00								0.80	
10	X	24	1,512,000		1.00								0.70	
11	X	24	1,945,000		1.00								0.80	
12	X	24	1,338,000		1.00								0.80	
13	X	24	1,689,000		1.00								0.80	
14	X	24	2,082,000		1.00								0.70	
15	X	24	1,336,000		1.00								0.80	
16	X	24	1,383,000		1.00								0.70	
17	X	24	1,501,000		1.00								0.40	
18	X	24	1,749,000		1.10								0.80	
19	X	24	1,348,000		1.00								0.80	
20	X	24	1,576,000		1.00								0.80	
21	X	24	1,878,000		1.00								0.80	
22	X	24	1,348,000		1.00								0.80	
23	X	24	1,170,000		1.00								0.80	
24	X	24	1,443,000		1.00								0.70	
25	X	24	1,589,000		1.00								0.80	
26	X	24	1,057,000		1.00								0.80	
27	X	24	1,530,000		1.20								0.90	
28	X	24	1,729,000		1.00								0.70	
29	X	24	1,190,000		1.00								0.80	
30	X	24	1,280,000		1.00								0.80	
31	X	24	1,469,000		1.00								0.80	
Total			47,324,000											
Average			1,526,580											
Maximum			2,082,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: Feb. 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,618,000		1.00								0.70	
2	X	24	1,277,000		1.00								0.80	
3	X	24	1,058,000		1.90								1.20	
4	X	24	1,551,000		0.90								0.70	
5	X	24	1,358,000		1.20								0.80	
6	X	24	1,235,000		1.00								0.80	
7	X	24	1,524,000		1.00								0.70	
8	X	24	1,653,000		1.00								0.80	
9	X	24	1,428,000		1.00								0.80	
10	X	24	1,508,000		1.30								0.60	
11	X	24	1,840,000		1.00								0.60	
12	X	24	1,353,000		1.00								0.80	
13	X	24	1,209,000		1.00								0.80	
14	X	24	1,444,000		1.00								0.50	
15	X	24	1,718,000		1.00								0.60	
16	X	24	1,269,000		1.10								0.80	
17	X	24	1,468,000		1.00								0.60	
18	X	24	1,798,000		1.00								0.60	
19	X	24	1,236,000		1.00								0.80	
20	X	24	1,430,000		1.00								0.70	
21	X	24	1,715,000		1.00								0.80	
22	X	24	1,815,000		1.00								0.80	
23	X	24	1,537,000		1.00								0.80	
24	X	24	1,533,000		1.00								0.70	
25	X	24	2,016,000		1.00								0.70	
26	X	24	1,486,000		1.00								0.80	
27	X	24	1,480,000		0.80								0.60	
28	X	24	1,821,000		1.00								0.80	
29		24												
30		24												
31		24												
Total			42,378,000											
Average			1,513,500											
Maximum			2,016,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: March,2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose		
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²	Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	
1	X	24	2,018,000		1.00								0.80	
2	X	24	1,679,000		1.00								0.60	
3	X	24	1,736,000		1.80								0.80	
4	X	24	1,875,000		1.40								0.90	
5	X	24	1,528,000		0.90								0.50	
6	X	24	1,486,000		1.00								0.60	
7	X	24	1,762,000		1.50								1.00	
8	X	24	1,961,000		1.30								1.00	
9	X	24	1,625,000		1.00								0.80	
10	X	24	1,764,000		1.00								0.70	
11	X	24	2,153,000		1.20								0.70	
12	X	24	1,556,000		1.00								0.80	
13	X	24	1,695,000		1.00								0.80	
14	X	24	1,819,000		1.00								0.80	
15	X	24	2,030,000		1.20								0.80	
16	X	24	1,567,000		1.00								0.80	
17	X	24	1,757,000		0.90								0.60	
18	X	24	2,085,000		1.00								0.60	
19	X	24	1,497,000		1.00								0.80	
20	X	24	1,640,000		1.00								0.80	
21	X	24	1,719,000		1.00								0.60	
22	X	24	1,793,000		1.00								0.80	
23	X	24	1,647,000		1.00								0.80	
24	X	24	1,682,000		1.00								0.70	
25	X	24	2,145,000		1.10								0.70	
26	X	24	1,568,000		1.00								0.80	
27	X	24	1,606,000		1.00								0.80	
28	X	24	1,830,000		1.00								0.80	
29	X	24	1,928,000		1.00								0.80	
30	X	24	1,709,000		1.10								0.80	
31	X	24	1,869,000		1.10								0.70	
Total			54,729,000											
Average			1,765,451											
Maximum			2,153,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: April ,2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Enter "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	X	24	2,102,000		1.20								0.80	
2	X	24	1,591,000		1.20								0.80	
3	X	24	1,901,000		1.50								1.00	
4	X	24	1,918,000		1.00								0.60	
5	X	24	2,127,000		1.00								0.80	
6	X	24	1,680,000		1.00								0.60	
7	X	24	1,875,000		0.90								0.60	
8	X	24	2,002,000		1.00								0.70	
9	X	24	1,667,000		1.00								0.80	
10	X	24	1,581,000		1.00								0.80	
11	X	24	1,723,000		1.20								0.80	
12	X	24	1,800,000		1.00								0.80	
13	X	24	1,502,000		1.00								0.80	
14	X	24	1,764,000		1.00								0.50	
15	X	24	1,899,000		1.10								0.60	
16	X	24	1,524,000		1.00								0.80	
17	X	24	1,475,000		1.00								0.70	
18	X	24	1,647,000		1.20								0.90	
19	X	24	1,945,000		1.30								0.90	
20	X	24	1,649,000		1.20								1.00	
21	X	24	1,686,000		1.00								0.80	
22	X	24	1,947,000		1.10								0.80	
23	X	24	1,525,000		1.00								0.90	
24	X	24	1,580,000		1.20								1.00	
25	X	24	1,811,000		1.00								0.90	
26	X	24	2,017,000		1.30								1.00	
27	X	24	1,672,000		1.30								1.00	
28	X	24	1,863,000		1.30								1.00	
29	X	24	2,131,000		1.30								1.00	
30	X	24	1,687,000		1.30								0.90	
31		24												
Total			53,291,000											
Average			1,776,366											
Maximum			2,131,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: May , 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,728,000		1.20								0.90	
2	X	24	1,804,000		1.30								0.90	
3	X	24	2,144,000		1.30								1.00	
4	X	24	1,763,000		1.30								1.00	
5	X	24	1,845,000		1.80								1.30	
6	X	24	2,191,000		1.10								0.90	
7	X	24	1,475,000		1.10								0.90	
8	X	24	1,679,000		1.00								0.80	
9	X	24	1,773,000		1.20								0.50	
10	X	24	2,077,000		1.30								1.00	
11	X	24	1,718,000		1.00								0.90	
12	X	24	1,902,000		1.00								0.80	
13	X	24	2,231,000		1.00								0.80	
14	X	24	1,836,000		0.70								0.70	
15	X	24	1,172,000		1.00								0.70	
16	X	24	1,926,000		1.10								0.80	
17	X	24	2,170,000		1.20								0.90	
18	X	24	1,611,000		1.20								0.90	
19	X	24	1,748,000		0.90								0.60	
20	X	24	2,233,000		1.00								0.70	
21	X	24	1,646,000		1.00								0.70	
22	X	24	1,567,000		1.00								0.80	
23	X	24	2,009,000		1.00								0.80	
24	X	24	2,181,000		1.20								0.90	
25	X	24	1,797,000		1.10								0.80	
26	X	24	1,901,000		1.00								0.80	
27	X	24	2,198,000		1.00								0.80	
28	X	24	1,666,000		1.00								0.70	
29	X	24	1,662,000		1.30								0.90	
30	X	24	2,086,000		1.80								1.00	
31	X	24	2,149,000		1.20								0.90	
Total			57,888,000											
Average			1,867,354											
Maximum			2,233,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: June ,2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,734,000		1.10								0.80	
2	X	24	1,646,000		0.90								0.80	
3	X	24	1,974,000		1.00								0.70	
4	X	24	1,450,000		1.00								0.90	
5	X	24	1,614,000		1.00								0.80	
6	X	24	1,970,000		1.00								0.80	
7	X	24	1,830,000		1.00								0.80	
8	X	24	1,567,000		1.00								0.90	
9	X	24	1,891,000		1.00								0.80	
10	X	24	2,385,000		1.20								0.80	
11	X	24	1,537,000		1.00								0.80	
12	X	24	1,457,000		1.00								0.60	
13	X	24	1,852,000		1.10								0.60	
14	X	24	2,174,000		1.20								0.80	
15	X	24	1,636,000		1.10								0.80	
16	X	24	1,908,000		1.40								0.90	
17	X	24	2,278,000		1.20								0.90	
18	X	24	1,601,000		1.10								0.80	
19	X	24	1,628,000		1.00								0.80	
20	X	24	1,658,000		1.10								0.80	
21	X	24	2,097,000		1.20								0.90	
22	X	24	1,752,000		1.20								1.00	
23	X	24	1,912,000		1.30								1.00	
24	X	24	2,003,000		1.40								1.00	
25	X	24	1,863,000		1.30								1.00	
26	X	24	1,553,000		1.00								0.90	
27	X	24	2,010,000		1.20								0.90	
28	X	24	2,190,000		1.20								0.90	
29	X	24	1,753,000		1.20								1.00	
30	X	24	2,016,000		1.20								0.90	
31		24												
Total			54,939,000											
Average			1,831,300											
Maximum			2,385,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: July, 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	2,392,000		1.30								1.00	
2	X	24	1,435,000		1.00								0.90	
3	X	24	1,486,000		1.00								0.70	
4	X	24	1,520,000		1.00								0.70	
5	X	24	1,937,000		1.30								0.90	
6	X	24	1,513,000		1.10								0.90	
7	X	24	1,677,000		1.10								0.90	
8	X	24	2,103,000		1.30								1.00	
9	X	24	1,527,000		1.10								0.90	
10	X	24	1,555,000		1.10								1.00	
11	X	24	1,896,000		1.10								0.80	
12	X	24	2,098,000		1.20								0.80	
13	X	24	1,676,000		1.00								0.80	
14	X	24	2,040,000		1.10								0.70	
15	X	24	2,094,000		1.10								0.80	
16	X	24	1,226,000		1.00								0.80	
17	X	24	1,554,000		1.00								0.80	
18	X	24	1,722,000		1.00								0.80	
19	X	24	2,244,000		1.00								0.90	
20	X	24	1,637,000		1.00								0.90	
21	X	24	1,932,000		1.00								0.80	
22	X	24	1,928,000		0.90								0.80	
23	X	24	1,314,000		1.00								0.60	
24	X	24	1,299,000		1.00								0.80	
25	X	24	1,675,000		1.00								0.80	
26	X	24	1,990,000		1.00								0.90	
27	X	24	1,633,000		1.00								0.80	
28	X	24	1,856,000		1.20								0.90	
29	X	24	1,718,000		1.00								0.80	
30	X	24	1,362,000		1.00								0.80	
31	X	24	1,465,000		1.00								0.80	
otal			53,504,000											
verage			1,725,935											
aximum			2,392,000											

Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: August , 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	X	24	1,728,000		1.00								0.70	
2	X	24	1,723,000		1.00								0.80	
3	X	24	1,432,000		1.00								0.80	
4	X	24	1,913,000		1.10								0.80	
5	X	24	2,550,000		1.30								0.90	
6	X	24	1,772,000		1.00								0.80	
7	X	24	2,025,000		1.00								0.80	
8	X	24	2,393,000		1.20								0.90	
9	X	24	2,632,000		1.20								0.90	
10	X	24	2,344,000		1.30								0.90	
11	X	24	2,653,000		1.40								0.90	
12	X	24	2,222,000		1.10								0.80	
13	X	24	1,579,000		1.00								0.80	
14	X	24	2,472,000		1.20								0.90	
15	X	24	3,042,000		1.20								1.00	
16	X	24	3,003,000		1.20								0.80	
17	X	24	2,884,000		1.20								0.90	
18	X	24	2,339,000		1.30								0.90	
19	X	24	2,305,000		1.40								1.00	
20	X	24	1,491,000		1.00								0.90	
21	X	24	1,736,000		1.00								0.80	
22	X	24	2,229,000		1.10								0.90	
23	X	24	2,532,000		1.30								1.00	
24	X	24	1,984,000		1.20								1.00	
25	X	24	2,047,000		1.20								1.00	
26	X	24	1,911,000		1.10								0.90	
27	X	24	1,414,000		1.00								0.80	
28	X	24	1,454,000		1.00								0.60	
29	X	24	2,104,000		1.10								0.90	
30	X	24	2,267,000		1.20								1.00	
31	X	24	1,712,000		1.20								0.90	
Total			65,892,000											
Average			2,125,548											
Maximum			3,042,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: September ,2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	X	24	2,027,000		1.10								0.80	
2	X	24	2,439,000		1.20								0.80	
3	X	24	1,470,000		1.00								0.80	
4	X	24	1,363,000		1.10								0.90	
5	X	24	2,135,000		1.00								0.90	
6	X	24	2,284,000		1.10								0.90	
7	X	24	1,799,000		1.20								1.00	
8	X	24	2,011,000		1.30								1.00	
9	X	24	2,200,000		1.30								1.00	
10	X	24	1,429,000		1.10								0.80	
11	X	24	1,511,000		1.20								1.00	
12	X	24	1,797,000		1.10								0.70	
13	X	24	1,898,000		1.40								1.00	
14	X	24	1,507,000		1.10								0.90	
15	X	24	1,686,000		1.20								0.90	
16	X	24	1,816,000		1.20								0.90	
17	X	24	1,482,000		0.90								0.70	
18	X	24	1,287,000		1.40								1.00	
19	X	24	1,732,000		1.40								0.80	
20	X	24	1,961,000		1.10								0.90	
21	X	24	1,375,000		1.00								0.80	
22	X	24	1,696,000		1.30								0.90	
23	X	24	2,262,000		1.50								1.00	
24	X	24	1,216,000		1.30								1.00	
25	X	24	1,355,000		1.00								0.90	
26	X	24	1,753,000		1.20								0.90	
27	X	24	1,947,000		1.50								1.10	
28	X	24	1,481,000		1.10								1.00	
29	X	24	1,851,000		1.50								1.10	
30	X	24	1,838,000		1.50								1.20	
31														
Total			52,608,000											
Average			1,753,600											
Maximum			2,439,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: October , 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,404,000		1.20								0.90	
2	X	24	1,384,000		1.10								0.80	
3	X	24	1,581,000		1.20								0.90	
4	X	24	1,970,000		1.40								1.00	
5	X	24	1,384,000		1.10								0.90	
6	X	24	1,425,000		1.20								0.80	
7	X	24	2,067,000		1.30								0.90	
8	X	24	1,387,000		1.10								0.90	
9	X	24	1,335,000		1.00								0.60	
10	X	24	1,841,000		1.20								0.80	
11	X	24	2,033,000		1.40								1.00	
12	X	24	1,460,000		1.00								0.90	
13	X	24	2,459,000		1.40								1.00	
14	X	24	2,759,000		1.40								1.00	
15	X	24	1,861,000		1.40								1.00	
16	X	24	1,839,000		1.30								1.00	
17	X	24	2,021,000		1.30								0.80	
18	X	24	2,372,000		1.40								1.00	
19	X	24	1,671,000		1.30								1.00	
20	X	24	1,687,000		1.40								1.00	
21	X	24	2,000,000		1.40								1.00	
22	X	24	1,311,000		1.10								1.00	
23	X	24	1,698,000		1.10								0.80	
24	X	24	1,819,000		1.30								1.00	
25	X	24	2,424,000		1.70								1.10	
26	X	24	1,716,000		1.40								1.10	
27	X	24	1,999,000		1.40								1.00	
28	X	24	1,840,000		1.60								1.10	
29	X	24	1,348,000		1.00								0.80	
30	X	24	1,190,000		1.40								1.10	
31	X	24	1,647,000		1.70								1.10	
Total			54,932,000											
Average			1,772,000											
Maximum			2,759,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: November,2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines) ☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,801,000		2.00								1.50	
2	X	24	1,325,000		1.50								1.20	
3	X	24	1,663,000		1.60								1.20	
4	X	24	1,847,000		1.00								0.90	
5	X	24	1,386,000		1.00								0.80	
6	X	24	1,261,000		1.00								0.80	
7	X	24	1,703,000		1.40								0.90	
8	X	24	1,889,000		1.20								0.90	
9	X	24	1,355,000		1.00								0.70	
10	X	24	1,772,000		1.10								0.80	
11	X	24	1,844,000		1.20								0.80	
12	X	24	1,264,000		1.10								0.70	
13	X	24	1,364,000		0.90								0.60	
14	X	24	1,856,000		1.10								0.60	
15	X	24	2,032,000		1.30								0.80	
16	X	24	1,359,000		1.10								0.80	
17	X	24	1,627,000		1.30								0.90	
18	X	24	2,013,000		1.30								1.00	
19	X	24	1,221,000		1.20								1.00	
20	X	24	1,358,000		1.00								0.80	
21	X	24	1,780,000		1.20								0.90	
22	X	24	1,986,000		1.40								1.20	
23	X	24	1,504,000		1.20								1.00	
24	X	24	1,686,000		1.30								1.00	
25	X	24	2,046,000		1.40								1.10	
26	X	24	1,305,000		1.20								1.00	
27	X	24	1,337,000		1.00								0.80	
28	X	24	1,877,000		1.10								1.00	
29	X	24	1,834,000		1.40								1.20	
30	X	24	1,483,000		1.30								1.00	
31		24												
Total			48,778,000											
Average			1,625,933											
Maximum			2,046,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification Number: 3354916 | Plant Name: Southlake

III. Daily Data for the Month/Year of: December, 2007.

Means of Achieving Four-Log Virus Inactivation/Removal: * ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1	X	24	1,882,000		1.40								1.10	
2	X	24	1,958,000		1.60								1.20	
3	X	24	1,300,000		1.30								1.10	
4	X	24	1,574,000		1.30								1.00	
5	X	24	1,716,000		1.40								0.80	
6	X	24	1,850,000		1.50								1.00	
7	X	24	1,420,000		1.40								1.20	
8	X	24	1,757,000		1.60								1.20	
9	X	24	2,066,000		1.70								1.30	
10	X	24	1,277,000		1.50								1.20	
11	X	24	1,584,000		1.50								1.20	
12	X	24	1,767,000		1.50								1.00	
13	X	24	1,942,000		1.50								1.20	
14	X	24	1,487,000		1.30								1.00	
15	X	24	1,793,000		1.20								1.00	
16	X	24	1,809,000		1.30								1.00	
17	X	24	1,319,000		1.30								1.10	
18	X	24	1,275,000		1.10								1.00	
19	X	24	1,753,000		1.30								1.00	
20	X	24	1,835,000		1.40								1.10	
21	X	24	1,465,000		1.50								1.30	
22	X	24	1,729,000		1.50								1.30	
23	X	24	2,023,000		1.70								1.40	
24	X	24	1,344,000		1.60								1.40	
25	X	24	1,494,000		1.30								1.00	
26	X	24	1,703,000		1.50								1.10	
27	X	24	1,944,000		1.70								1.30	
28	X	24	1,603,000		1.50								1.30	
29	X	24	1,969,000		1.70								1.40	
30	X	24	2,134,000		1.70								1.50	
31	X	24	1,413,000		1.50								1.30	
Total			52,185,000											
Average			1,683,387											
Maximum			2,134,000											

** Refer to the instructions for this report to determine which plants must provide this information.*

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WW

Monitoring Period From 01/01/06 To: 01/31/06

	Flow (mgd)	CBOD5 (mg/l)	CBOD5 (mg/l)	TSS (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)	Nitrogen, Nitrate, Total (as N) (mg/l)		
Code	50050	80082	80082	00530	00530	00400	74055	50060	00620		
Mon. Site	EFF-1	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1	EFA-1		
1	.600					7.3		1.7			
2	.600					7.3		1.9			
3	.600					7.3		1.6			
4	.600	13.1	171.7	7.0	96.0	7.4	19	2.6	.10		
5	.600					7.4		3.0			
6	.555					7.4		2.4			
7	.600					7.5		2.8			
8	.600					7.5		3.1			
9	.852					7.5		2.5			
10	.576					7.4		2.2			
11	.600	13.4	251.1	5.0	58.0	7.3	4	1.9	.21		
12	.600					7.3		2.0			
13	.668					7.4		2.6			
14	.600					7.4		3.1			
15	.600					7.5		2.4			
16	.600					7.4		2.2			
17	.727					7.3		3.0			
18	.516	9.1	182.2	10	146	7.3	3	3.0	.10		
19	.705					7.3		2.9			
20	.694					7.3		3.2			
21	.701					7.4		2.8			
22	.360					7.5		3.4			
23	.755					7.4		3.0			
24	.731					7.4		2.8			
25	.600	7.1	241.1	11	104.0	7.3	1	1.7	.10		
26	.600					7.4		2.4			
27	.667					7.4		2.9			
28	.610					7.5		3.1			
29	.618					7.5		3.4			
30	.645					7.5		2.8			
31	.670					7.4		3.1			
Total	19.45					229.2		81.5			
Mo. Avg.	.620					7.3		2.6			
Min.	.360					7.3		1.6			
Max	.755					7.5		3.4			

PLANT STAFFING:

Day Shift Operator	Class: B	Certificate No: 7116	Name: J.F Gratson		
Evening Shift Operator	Class:	Certificate No:	Name:		
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name: Angel De Leon		

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634
Monitoring Period From 02/01/06 To: 02/28/06
Facility: Southlake Utilities WWTF

	Flow (mgd)	CBOD5 (mg/l)	CBOD5 (mg/l)	TSS (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)	Nitrogen, Nitrate, Total (as N) (mg/l)		
Code	50050	80082	80082	00530	00530	00400	74055	50060	00620		
Mon. Site	EFF-1	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1	EFA-1		
1	.610	9.2	184.4	4.0	70.0	7.4	1	2.8	.16		
2	.635					7.4		3.0			
3	.537					7.5		3.2			
4	.610					7.5		2.6			
5	.617					7.4		3.1			
6	.741					7.4		3.2			
7	.625					7.3		3.0			
8	.613	11.3	205.0	22.0	66.0	7.3	3	3.0	2.94		
9	.600					7.3		3.0			
10	.625					7.4		1.9			
11	.714					7.4		2.3			
12	.720					7.4		2.0			
13	.512					7.4		2.1			
14	.666					7.4		1.9			
15	.865	5.0	200.6	6.0	106.0	7.4	80	1.0	.10		
16	.689					7.4		1.4			
17	.726					7.3		1.9			
18	1.006					7.3		2.0			
19	.332					7.4		2.2			
20	.630					7.3		2.2			
21	.779					7.4		2.6			
22	.600	10.8	241.1	15.0	106.0	7.3	56	2.8	.22		
23	.637					7.4		2.6			
24	.600					7.5		3.0			
25	.600					7.4		2.4			
26	.600					7.4		3.2			
27	.667					7.6		3.4			
28	.618					7.4		3.0			
29											
30											
31											
Total	18.174					207		70.8			
Mo. Avg.	.640					7.39		2.52			
Min.	.332					7.3		1.0			
Max	1.006					7.6		3.4			

PLANT STAFFING:

Day Shift Operator	Class: B	Certificate No: 7116	Name:	J.F Gratson	
Evening Shift Operator	Class:	Certificate No:	Name:		
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name:	Angel De Leon	

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF

Monitoring Period From 3/01/06 To: 3/31/06

	Flow (mgd)	CBOD5 (mg/l)	CBOD5 (mg/l)	TSS (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)	Nitrogen, Nitrate, Total (as N) (mg/l)		
Code	50050	80082	80082	00530	00530	00400	74055	50060	00620		
Mon. Site	EFF-1	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1	EFA-1		
1	.580	9.4	245.6	2.0	272.0	7.3	1	2.9	.10		
2	.525					7.3		3.2			
3	.593					7.4		3.0			
4	.700					7.4		2.5			
5	.647					7.3		3.1			
6	.701					7.4		3.2			
7	.600					7.4		1.9			
8	.600	7.9	199.4	4.0	118.0	7.4	1	3.0	.10		
9	.703					7.4		2.1			
10	.562					7.4		2.6			
11	.662					7.4		2.8			
12	.670					7.3		3.2			
13	.715					7.4		3.6			
14	.698					7.5		2.9			
15	.615	7.1	169.4	1.0	92.0	7.5	1	3.4	.08		
16	.633					7.5		3.0			
17	.600					7.4		3.4			
18	.813					7.4		3.2			
19	.731					7.4		3.5			
20	.793					7.4		3.3			
21	.627					7.3		3.0			
22	.630	8.0	213.3	1.0	54.0	7.3	1	3.2	.10		
23	.680					7.4		3.4			
24	.680					7.4		1.9			
25	.967					7.4		2.2			
26	.744					7.3		2.0			
27	.439					7.3		2.4			
28	.686					7.3		2.8			
29	.731	5.7	195.0	1.0	66.0	7.3	1	1.8	7.0		
30	.740					7.3		2.4			
31	.813					7.4		2.8			
Total	20.878	38.1	1022.7	9.0	602	228.6	5	87.7	7.38		
Mo. Avg.	.673	7.62	204.54	1.8	120.4	7.37	1	2.8	1.48		
Min.	.439					7.3		1.8			
Max	.967					7.5		3.6			

PLANT STAFFING:

Day Shift Operator	Class:	B	Certificate No:	7116	Name:	J.F Gratson
Evening Shift Operator	Class:		Certificate No:		Name:	
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

Permit Number: FLA010634

Monitoring Period From 04/01/06 To: 04/30/06

	Flow (mgd)	CBOD5 (mg/l)	CBOD5 (mg/l)	TSS (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)	Nitrogen, Nitrate, Total (as N) (mg/l)		
Code	50050	80082	80082	00530	00530	00400	74055	50060	00620		
Mon. Site	EFF-1	EFA-1	INF-1	EFA-1	INF-1	EFA-1	EFA-1	EFA-1	EFA-1		
1	.822					7.4		3.0			
2	.578					7.4		2.5			
3	.810					7.3		3.0			
4	.754					7.4		2.6			
5	.509					7.4	1	2.5			
6	.865					7.4		2.8			
7	.712	8.2	166.7	2.0	396.0	7.5		2.0	4.7		
8	.826					7.4		2.3			
9	.678					7.4		2.2			
10	.783					7.4		2.4			
11	.725					7.4		2.1			
12	.629	5.6	165.6	1.0	68	7.4	1	3.0	.27		
13	.720					7.4		2.8			
14	.804					7.4		2.2			
15	.870					7.3		2.5			
16	.731					7.3		2.0			
17	.769					7.3		2.0			
18	.740					7.3		2.2			
19	.585	5.7	190.6	1.0	126.0	7.4	15	2.2	.44		
20	.719					7.4		2.4			
21	.728					7.4		2.2			
22	.726					7.3		2.2			
23	.676					7.3		2.5			
24	.743					7.4		2.6			
25	.632					7.4		2.4			
26	.532	6.2	163.9	4.0	52.0	7.4	1	2.8	.17		
27	.612					7.4		3.0			
28	.643					7.4		2.6			
29	.781					7.3		3.2			
30	.543					7.3		3.3			
31											
Total	21.245	25.7	686.8	8	590.0	221.2	18	75.5			
Mo. Avg.	.708	6.42	171.7	2	147.5	7.4	4.5	2.5			
Min.	.543					7.3		2.0			
Max	.870					7.5		3.3			

PLANT STAFFING:

Day Shift Operator	Class: B	Certificate No: 7116	Name:	J.F Gratson	
Evening Shift Operator	Class:	Certificate No:	Name:		
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name:	Angel De Leon	

Permit Number: FLA010634
Monitoring Period From: 05/01/06 To: 05/31/06

DISCHARGE RESULTS - PART B

Facility: Southlake Utilities WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity) x 100	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.3		2.8	.652			
2				7.3		2.0	.643			
3	5.8	1.0	0.10	7.5	7.0	3.0	.575		157.8	98.0
4				7.4		2.8	.606			
5				7.4		3.0	.679			
6				7.4		2.5	.800			
7				7.5		3.2	.505			
8				7.4		3.0	.655			
9				7.4		3.2	.637			
10	4.6	1.0	0.13	7.4	28.0	1.8	.497		156.1	102.0
11				7.4		1.6	.701			
12				7.4		1.6	.559			
13				7.5		2.0	.686			
14				7.3		1.7	.686			
15				7.4		1.6	.648			
16				7.4		1.8	.613			
17	6.0	1.0	0.10	7.4	4.0	3.0	.601		73.3	60.0
18				7.4		1.5	.648			
19				7.4		1.6	.680			
20				7.3		2.0	.700			
21				7.3		1.7	.760			
22				7.3		1.9	.533			
23				7.4		1.6	.634			
24	11.6	1.0	0.12	7.3	6.0	2.4	.603		193.3	114.0
25				7.4		2.4	.598			
26				7.4		2.8	.640			
27				7.4		2.5	.745			
28				7.3		2.2	.794			
29				7.4		1.8	.673			
30				7.3		2.2	.616			
31	11.5	1.0	0.14	7.4	2.0	2.8	.430		235.6	118.0
Total	39.5	5.0	0.59	228.8	47.0	70	19.797		816.1	492.0
Mo. Avg.	7.90	1.0	0.11	7.4	9.40	2.3	.630		163.22	98.40

PLANT STAFFING:

Day Shift Operator	Class:		Certificate No:		Name:
Evening Shift Operator	Class:	B	Certificate No:	7116	Name: J.F Gratson
Night Shift Operator	Class:		Certificate No:		Name:
Lead Operator	Class:	C	Certificate No:	13887	Name: Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF

Monitoring Period From: 06/01/06 To: 06/30/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity) x 100	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.4		2.8	.496			
2				7.4		2.0	.531			
3				7.3		2.2	.821			
4				7.3		3.0	.255			
5				7.3		3.2	.450			
6				7.4		3.6	.629			
7	17.5	1	.12	7.4	3.0	3.6	.621		235.6	118.0
8				7.4		3.0	.658			
9				7.3		3.0	.715			
10				7.4		2.5	.763			
11				7.4		3.2	.763			
12				7.4		1.8	.763			
13				7.4		2.2	.875			
14	10.8	1	.23	7.4	8.0	3.0	.724		234.4	116.0
15				7.4		2.4	.736			
16				7.5		2.6	.942			
17				7.5		3.0	.880			
18				7.5		2.5	.709			
19				7.5		2.6	.762			
20				7.4		1.8	783			
21	8.6	22	.10	7.3	11.0	2.8	.696		210.6	50.0
22				7.4		2.5	.835			
23				7.4		1.6	.709			
24				7.3		1.8	.995			
25				7.2		1.5	.767			
26				7.4		2.0	1.2			
27				7.4		2.2	.660			
28	7.3	14	.10	7.4	12.0	2.0	.739		222.2	58.0
29				7.5		2.4	.713			
30				7.5		1.8	.724			
31										
Total	44.20	38	.55	221.8	34	74.6	21.910		902.80	342.0
Mo. Avg.	11.05	9.50	.13	7.4	8.50	2.48	.730		225.70	85.5

PLANT STAFFING:

Day Shift Operator Class: c Certificate No: 14360 Name: Eduardo Garcia

Evening Shift Operator Class: B Certificate No: 7116 Name: J.F Gratson

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: C Certificate No: 13887 Name: Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 07/01/06 To:07/31/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted [illegible])	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.4		2.0	.788			
2				7.3		2.5	.563			
3				7.5		1.5	.799			
4				7.5		1.2	.650			
5	9.2	1.0	.10	7.4	13.0	2.7	.649		204.4	56.0
6				7.5		2.4	.757			
7				7.4		1.6	.768			
8				7.4		1.8	.867			
9				7.4		2.0	.830			
10				7.4		2.6	.994			
11				7.4		2.8	.871			
12	10.9	1.0	.91	7.5	.10	3.0	.870		205.6	86.0
13				7.4		3.0	.845			
14				7.4		2.6	.816			
15				7.4		2.5	.917			
16				7.3		2.2	.779			
17				7.3		2.0	.774			
18				7.4		2.4	.817			
19	8.7	1.0	.10	7.5	5.0	2.3	.818		180.6	186.0
20				7.5		2.0	.804			
21				7.5		2.2	.739			
22				7.4		2.8	.810			
23				7.4		3.1	.908			
24				7.5		2.6	.916			
25				7.5		3.4	.866			
26	7.6	1.0	.10	7.5	3.0	3.0	.800		242.5	62.0
27				7.4		2.8	.837			
28				7.4		3.2	.815			
29				7.5		3.0	.831			
30				7.5		2.6	.920			
31				7.4		2.8	.726			
Total	36.4	4.0	1.21	230.3	21.1	76.6	25.144		833.1	390.0
Mo. Avg.	9.1	1.0	0.30	7.4	5.3	2.5	.811		208.3	97.5

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia	
Evening Shift Operator	Class:	B	Certificate No:	7116	Name:	J.F. Gratson	
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon	

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 08/01/06 To : 08/31/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.4		2.4	.800			
2	9.5	1	.14	7.4	4.0	3.2	.798		178.4	38.0
3				7.4		2.8	.801			
4				7.4		3.0	.821			
5				7.3		1.7	.811			
6				7.3		2.5	.709			
7				7.3		2.6	.815			
8				7.3		2.2	.889			
9	6.0	1	.28	7.5	5.0	1.5	.831		217.8	110.0
10				7.5		1.4	.797			
11				7.4		1.4	.836			
12				7.4		1.6	.853			
13				7.5		1.5	.600			
14				7.4		1.2	.810			
15				7.3		1.2	.799			
16	9.3	1	.18	7.5	8.0	3.0	.885		197.0	42.0
17				7.5		3.0	.912			
18				7.5		3.0	.747			
19				7.4		2.7	.848			
20				7.4		3.0	.836			
21				7.6		3.0	.795			
22				7.6		3.2	.777			
23	10.3	1	.13	7.4	4.0	3.0	.766		182.2	54.0
24				7.4		2.9	.787			
25				7.4		2.4	.809			
26				7.4		3.2	.894			
27				7.3		2.6	.685			
28				7.3		2.4	.751			
29				7.3		2.0	.691			
30				7.4		2.6	.357			
31	8.6	2	1.22	7.5	11.0	3.0	.400		209.4	78.0
Total	43.7	6	1.95	229.7	32.0	75.2	23.91		984.8	322.0
Mo. Avg.	8.74	1.2	.39	7.41	6.4	2.42	.771		196.96	64.4

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	B	Certificate No:	7116	Name:	J.F. Gratson
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

The days 30/31 was the start up to fill the tank #4

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 09/01/06 To : 09/30/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.5		2.6	.537			
2				7.5		2.4	.711			
3				7.5		2.0	.972			
4				7.4		2.5	.728			
5				7.5		2.8	.717			
6	10.9	1	.62	7.4	4.0	2.8	.665		165.0	76.0
7				7.4		2.4	.653			
8				7.4		2.0	.626			
9				7.3		2.5	.650			
10				7.3		2.3	.663			
11				7.4		2.0	.763			
12				7.4		2.6	.617			
13	8.6		3.91	7.5	3.0	3.2	.577		164.0	238.0
14				7.5		3.0	.694			
15		1		7.6		2.4	.690			
16				7.5		2.5	.725			
17				7.5		2.2	.768			
18				7.5		2.6	.490			
19				7.5		2.0	.616			
20	10.4	1	6.55	7.5	2.0	1.2	.693		144.1	48.0
21				7.5		3.2	.689			
22				7.6		3.0	.691			
23				7.6		2.8	.702			
24				7.6		3.3	.672			
25				7.5		3.0	.741			
26				7.6		3.4	.660			
27	8.9	1	6.29	7.5	1.0	2.8	.706		177.2	60.0
28				7.5		3.0	.650			
29				7.5		3.2	.630			
30				7.5		3.3	.715			
31										
Total	38.8	4	17.37	224.5	10.0	79	20.411		650.3	422
Mo. Avg.	9.7	1	4.3	7.48	2.5	2.63	.680		163.0	105.5

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 14360	Name: E. Garcia		
Evening Shift Operator	Class: B	Certificate No: 7116	Name: J.F. Gratson		
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name: Angel L. De Leon		

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 10/01/06 To : 10/31/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity)	CBOD5 (MG/L)	TSS (MG/L)	
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1	
1				7.5		3.0	.663				
2				7.5		2.8	.688				
3				7.5		2.6	.621				
4	7.9	1	8.64	7.5	1.0	2.0	.625		180.0	60.0	
5				7.5		2.4	.594				
6				7.5		2.8	.687				
7				7.4		3.2	.680				
8				7.5		3.0	.696				
9				7.5		2.6	.587				
10				7.5		2.6	.603				
11	11.6	1	4.51	7.5	1.0	3.4	.739		213.9	164.0	
12				7.5		3.0	.679				
13				7.4		2.6	.740				
14				7.3		3.0	.621				
15				7.4		3.3	.623				
16				7.3		3.6	.772				
17				7.4		3.0	.683				
18	9.6	1	4.61	7.4	1.0	1.0	.721		252.2	90.0	
19				7.4		2.8	.742				
20				7.4		3.0	.663				
21				7.5		2.8	.897				
22				7.5		3.4	.690				
23				7.4		3.2	.812				
24				7.5		1.9	.630				
25	11.3	1	1.78	7.5	1.0	2.8	.680		185.5	90.0	
26				7.5		3.0	.708				
27				7.5		1.8	.654				
28				7.5		2.6	.560				
29				7.4		3.0	.762				
30				7.4		2.8	.768				
31				7.4		1.0	.649				
Total	40.4	4	19.54	231	4	84	21.237		831.6	404	
Mo. Avg.	10.1	1	4.9	7.5	1	2.71	.685		207.9	101	

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	B	Certificate No:	7116	Name:	J.F. Gratson
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 11/01/06 To 11/30/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1	9.8	1.0	7.96	7.4	1.0	2.8	.588		197.8	50.0
2				7.4		2.6	.634			
3				7.4		2.2	.640			
4				7.4		2.5	.665			
5				7.4		2.1	.666			
6				7.3		2.8	.760			
7				7.4		2.8	.510			
8	12.2	1.0	3.88	7.4	1.0	2.8	.690		202.8	206.0
9				7.4		2.6	.564			
10				7.5		1.5	.627			
11				7.5		2.0	.656			
12				7.5		3.0	.616			
13				7.5		2.8	.659			
14				7.5		3.0	.553			
15	6.4	1.0	.53	7.5	1.0	2.5	.671		162.2	76.0
16				7.5		2.4	.584			
17				7.5		2.0	.662			
18				7.4		2.2	.561			
19				7.5		2.0	.714			
20				7.5		3.0	.628			
21	6.8	1.0	.24	7.5	1.0	3.0	.663		179.0	114.0
22				7.5		3.0	.660			
23				7.5		2.5	.625			
24				7.4		2.8	.743			
25				7.5		1.6	.683			
26				7.5		3.2	1.161			
27				7.5		3.4	.269			
28				7.5		3.0	.657			
29				7.5		2.8	.623			
30	7.4	1.0	3.27	7.5	1.0	2.8	.627		203.3	80.0
31										
Total	42.6	5.0	15.88	223.8	5.0	77.7	19.359		945.1	526.0
Mo. Avg.	8.52	1.0	3.2	7.46	1.0	2.59	.645		189.0	105.2

3.720

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 12/01/06 To 12/31/06

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted Capacity)	CBOD5 (MG/L)	TSS (MG/L)	
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1	
1				7.5		3.0	.639				
2				7.6		3.9	.540				
3				7.5		3.8	.708				
4				7.5		3.0	.592				
5	9.8	1	3.28	7.4	2.0	2.8	.617		219.4	206.0	
6				7.4		2.6	.558				
7				7.5		2.5	.557				
8				7.5		2.5	.594				
9				7.5		2.8	.533				
10				7.5		1.7	.667				
11				7.5		2.0	.591				
12	9.4	1	5.05	7.5	1.0	2.6	.567		221.7	54.0	
13				7.5		2.6	.554				
14				7.5		3.0	.612				
15				7.5		2.4	.569				
16				7.5		3.5	.587				
17				7.5		2.3	.629				
18				7.5		2.4	.686				
19				7.5		2.4	.586				
20	10.3	1	4.38	7.5	6.0	2.5	.659		218.3	56.0	
21				7.5		2.5	.627				
22				7.5		2.2	.693				
23				7.5		2.5	.726				
24				7.5		3.9	.716				
25				7.4		3.0	.912				
26				7.4		2.0	.765				
27	9.9	1	.88	7.5	7.6	2.6	.756		211.1	76.0	
28				7.5		2.6	.798				
29				7.5		2.6	.860				
30				7.5		3.0	.811				
31				7.5		3.5	.993				
Total	39.4	4	13.59	232.2	16.6	84.7	20.702		870.5	392.0	
Mo. Avg.	9.85	1	3.4	7.5	4.15	2.73	.667		217.6	98	

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTP

Monitoring Period From: 1/01/07 To 1/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted	CBOD5 (MG/L)	TSS (MG/L)	
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1	
1				7.5		3.5	.903				
2				7.5		3.0	.738				
3	105	30	.11	7.5	4.0	3.2	.830		196.7	54.0	
4				7.4		2.4	.793				
5				7.4		2.0	.730				
6				7.5		3.9	.519				
7				7.6		3.8	.694				
8				7.4		2.4	.692				
9				7.6		3.0	.643				
10	7.6	1	2.46	7.6	2.0	2.8	.590		258.9	146.0	
11				7.5		3.0	.707				
12				7.5		2.8	.591				
13				7.5		3.8	.543				
14				7.5		3.5	.764				
15				7.5		3.2	.633				
16				7.6		3.0	.590				
17	13.6	1	2.37	7.5	2.0	3.0	.603		197.8	152.0	
18				7.5		2.8	.620				
19				7.5		2.6	.617				
20				7.6		3.5	.500				
21				7.6		3.8	.634				
22				7.5		2.4	.607				
23				7.5		2.3	.566				
24	9.6	1	3.60	7.4	3.0	2.8	.593		202.8	70.0	
25				7.4		3.2	.561				
26				7.5		3.2	.605				
27				7.5		0.7	.690				
28				7.5		3.9	.579				
29				7.5		3.2	.705				
30				7.5		2.4	.451				
31	8.3	1	7.84	7.6	2.0	3.0	.640		166.1	60.0	
Total	49.6	34	16.38	232.7	13.0	92.1	19.931		1022.3	482	
Mo. Avg.	9.92	6.8	3.27	7.5	2.6	2.9	.642		204.4	96.4	

PLANT STAFFING:

Day Shift Operator Class: C Certificate No: 14360 Name: E. Garcia

Evening Shift Operator Class: A Certificate No: 12234 Name: Steve Berry

Night Shift Operator Class: Certificate No: Name:

Lead Operator Class: C Certificate No: 13887 Name: Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 2/01/07 To 2/28/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted	CBOD5 (MG/L)	TSS (MG/L)	
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-I	EFA-1	FLW-1	FLW-1	INF-1	INF-1	
1				7.4		2.2	.591				
2				7.5		2.6	.467				
3				7.5		2.8	.612				
4				7.5		3.3	.550				
5				7.5		3.0	.684				
6				7.5		3.2	.556				
7	5.8	1	2.31	7.4	1	2.8	.593		218.3	80.0	
8				7.4		1.9	.608				
9				7.5		2.6	.562				
10				7.5		2.8	.613				
11				7.6		1.8	.602				
12				7.5		1.6	.633				
13				7.5		2.4	.643				
14	4.2	1	.10	7.5	2.0	2.6	.629		175.0	108.0	
15				7.5		2.4	.604				
16				7.4		2.4	.644				
17				7.6		1.5	.758				
18				7.6		1.4	.782				
19				7.5		1.2	.692				
20				7.5		1.8	.688				
21	12.5	1	.45	7.4	8.0	2.6	.736		241.1	70.0	
22				7.4		1.6	.796				
23				7.5		1.0	.878				
24				7.5		3.8	.532				
25				7.6		3.5	.715				
26				7.5		3.0	.732				
27				7.5		3.0	.634				
28	13.1	1	.38	7.5	1	3.0	.729		182.5	98.0	
29											
30											
31											
Total	35.6	4	3.24	209.8	12	67.8	18.263		816.9	286.7	
Mo. Avg.	8.9	1	.81	7.5	3	2.42	.652		204.2	71.6	

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 03/01/07 To 03/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted	CBOD5 (MG/L)	TSS (MG/L)	
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1	
1				7.4		2.8	.644				
2				7.4		2.5	.742				
3				7.4		3.0	.703				
4				7.5		1.9	.671				
5				7.5		2.3	.697				
6				7.5		2.8	.634				
7	9.9	1	3.49	7.4	7.0	2.0	.683		158.4	86.0	
8				7.4		2.3	.745				
9				7.5		2.4	.676				
10				7.5		2.6	.686				
11				7.5		1.6	.849				
12				7.5		1.8	.719				
13				7.5		1.8	.733				
14	9.7	1	.13	7.5	2.0	1.4	.671		196.7	52.0	
15				7.5		1.8	.775				
16				7.5		2.8	.639				
17				7.4		1.8	.880				
18				7.4		2.0	.659				
19				7.4		2.0	.647				
20				7.5		2.4	.664				
21	9.4	1	2.24	7.5	1.0	2.8	.688		188.3	38.0	
22				7.5		2.8	.646				
23				7.5		2.6	.804				
24				7.6		1.9	.790				
25				7.5		1.5	.808				
26				7.5		1.6	.700				
27				7.5		2.2	.660				
28	11.8	1	.12	7.5	1.0	1.2	.733		133.4	54.0	
29				7.4		1.8	.689				
30				7.4		2.4	.760				
31				7.5		1.9	.827				
Total	40.8	4	5.98	231.6	11.0	66.7	22.222		676.8	230	
Mo. Avg.	10.2	1	1.5	7.47	2.75	2.15	.717		169.2	57.5	

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 14360	Name: E. Garcia		
Evening Shift Operator	Class: A	Certificate No: 12234	Name: Steve Berry		
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name: Angel L. De Leon		

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTP
Monitoring Period From: 04/01/07 To 04/30/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	Percent Capacity (TMADF/Permitted	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00530	50060	50050	00180	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-1	INF-1	INF-1
1				7.5		2.5	.728			
2				7.4		2.2	.818			
3				7.4		2.1	.836			
4	14.6	1	.37	7.5	2.0	2.5	.712		207.8	100.0
5				7.5		2.4	.747			
6				7.5		1.8	.777			
7				7.4		2.5	.837			
8				7.4		2.2	.629			
9				7.4		2.4	.758			
10				7.5		2.2	.749			
11	12.0	1	.10	7.5	21.0	2.8	.718		233.9	344.0
12				7.5		3.3	.829			
13				7.5		3.0	.741			
14				7.4		3.2	.777			
15				7.4		2.8	.680			
16				7.4		2.8	.752			
17				7.5		3.0	.674			
18	8.2	1	.13	7.6	3.0	2.8	.649		127.2	122.0
19				7.5		2.8	.669			
20				7.4		3.0	.761			
21				7.4		1.8	.647			
22				7.5		2.3	.713			
23				7.5		2.6	.694			
24				7.5		2.4	.622			
25	15.0	1	.65	7.6	13.0	2.8	.726		206.1	62.0
26				7.5		2.4	.682			
27				7.5		2.6	.539			
28				7.5		3.4	.715			
29				7.5		3.0	.661			
30				7.5		2.8	.729			
31										
Total	49.8	4	1.25	224.2	39.0	78.4	21.569		775.0	628.0
Mo. Avg.	12.4	1	.312	7.5	9.75	2.6	.718		193.75	157.0

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E. Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel L. De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634
Monitoring Period From: 5/01/07 To: 5/31/07
Facility: Southlake Utilities WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.6	7.6		2.0	.600		
2	4.6	1	2.36	7.6	7.6	1.0	2.6	.655	201.7	66.0
3				7.5	7.5		2.4	.673		
4				7.5	7.5		2.8	.715		
5				7.5	7.5		2.6	.660		
6				7.5	7.5		2.5	.738		
7				7.5	7.5		2.5	.627		
8				7.6	7.6		2.5	.756		
9	8.8	1	4.47	7.6	7.6	1.0	2.0	.569	203.9	110.0
10				7.5	7.5		1.0	.679		
11				7.6	7.6		2.8	.631		
12				7.6	7.6		3.1	.682		
13				7.5	7.5		2.8	.672		
14				7.5	7.5		2.8	.642		
15				7.5	7.5		2.4	.618		
16	13.0	1	.39	7.5	7.5	5.0	2.8	.657	210.6	76.0
17				7.6	7.6		2.6	.671		
18				7.6	7.6		2.9	.674		
19				7.5	7.5		3.0	.536		
20				7.5	7.5		1.9	.779		
21				7.3	7.4		2.5	.696		
22				7.4	7.5		1.6	.649		
23	11.2	1	0.10	7.4	7.5	4.0	2.3	.651	122.5	68.0
24				7.4	7.5		1.8	.699		
25				7.5	7.5		2.5	.616		
26				7.5	7.5		2.0	.749		
27				7.5	7.5		1.5	.592		
28				7.4	7.5		1.3	.786		
29				7.4	7.5		2.1	.679		
30	12.0	6	.22	7.4	7.4	6.0	1.5	.643	197.8	56.0
31				7.5	7.5		1.8	.641		
Total	49.6	10.0	7.54	232.5	233.1	17.0	70.9	20.635	936.5	376
Mo. Avg.	9.9	2.0	1.6	7.5	7.52	3.4	2.3	.665	187.3	75.2

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 14360	Name:	E.Garcia	
Evening Shift Operator	Class: A	Certificate No: 12234	Name:	Steve Berry	
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name:	Angel De Leon	

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 6/01/07 To: 6/30/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.4	7.5		2.6	.757		
2				7.5	7.5		1.7	.767		
3				7.5	7.5		1.3	.704		
4				7.4	7.5		2.6	.652		
5				7.4	7.5		2.2	.692		
6	9.7	3	.10	7.5	7.5	7.0	2.8	.662	240.2	68.0
7				7.4	7.5		2.2	.710		
8				7.4	7.4		2.8	.695		
9				7.4	7.4		2.5	.604		
10				7.4	7.4		1.0	.891		
11				7.4	7.4		1.6	.680		
12				7.4	7.4		1.0	.647		
13	8.5	1	.10	7.4	7.5	7.0	2.8	.708	187.5	62.0
14				7.5	7.5		2.8	.634		
15				7.4	7.4		2.4	.674		
16				7.4	7.4		2.5	.707		
17				7.4	7.4		3.0	.622		
18				7.4	7.4		2.8	.633		
19				7.4	7.5		2.3	.600		
20	12.6	1	.13	7.5	7.5	16.0	2.5	.622	213.3	260.0
21				7.4	7.4		2.4	.657		
22				7.4	7.5		2.0	.707		
23				7.5	7.5		2.2	.623		
24				7.5	7.6		2.4	.670		
25				7.5	7.5		2.0	.732		
26				7.4	7.4		1.8	.619		
27	14.5	1	.10	7.4	7.5	23.0	2.4	.690	217.8	48.0
28				7.4	7.5		2.2	.760		
29				7.5	7.5		2.5	.694		
30				7.5	7.5		2.0	.883		
31										
Total	45.3	6	.43	223	224	53.0	67.3	20.696	858.8	438.0
Mo. Avg.	11.33	1.5	.11	7.43	7.47	13.2	2.24	.690	214.7	109.5

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E.Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 7/01/07 To: 7/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.5	7.5		2.2	.796		
2				7.4	7.5		2.4	.628		
3				7.4	7.4		2.2	.700		
4				7.4	7.4		2.5	.625		
5	11.4	1	.10	7.4	7.4	11.0	2.4	.795	185.9	254.0
6				7.4	7.4		2.9	.729		
7				7.4	7.4		2.2	.837		
8				7.4	7.4		2.0	.691		
9				7.4	7.4		2.2	.645		
10				7.4	7.5		2.6	.701		
11	12.0	1	.26	7.3	7.4	15.0	2.6	.695	182.3	84.0
12				7.4	7.4		2.8	.691		
13				7.3	7.4		2.6	.596		
14				7.3	7.3		1.0	.871		
15				7.4	7.4		2.0	.875		
16				7.5	7.6		2.8	.559		
17				7.5	7.6		2.6	.716		
18	7.8	1	.38	7.5	7.6	5.0	2.0	.649	203.9	122.0
19				7.6	7.6		2.5	.811		
20				7.5	7.6		2.1	.749		
21				7.5	7.5		2.2	.877		
22				7.5	7.5		2.3	.844		
23				7.5	7.6		2.1	.541		
24				7.5	7.5		2.1	.738		
25	7.4	2	.32	7.5	7.5	3.0	2.8	.758	253.3	70.
26				7.5	7.6		2.8	.757		
27				7.4	7.5		2.6	.781		
28				7.5	7.5		1.6	.847		
29				7.4	7.4		2.3	.628		
30				7.5	7.5		1.4	.770		
31				7.4	7.5		2.1	.759		
Total	38.60	5	1.06	230.6	231.8	34	70.9	22.659	825.40	530.0
Mo. Avg.	9.65	1.25	.27	7.44	7.48	8.50	2.29	.731	206.35	132.50

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E.Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 8/01/07 To: 8/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1	12.0	1	.10	7.4	7.5	1.0	1.8	.662	176.1	56.0
2				7.5	7.5		2.8	.698		
3				7.4	7.4		2.5	.658		
4				7.4	7.4		1.7	.871		
5				7.4	7.4		2.5	.735		
6				7.4	7.4		2.5	.803		
7				7.5	7.5		1.6	.691		
8	11.3	1	.28	7.5	7.5	7.0	2.3	.702	231.7	64.0
9				7.4	7.5		1.6	.709		
10				7.4	7.4		2.2	.742		
11				7.4	7.4		2.4	.690		
12				7.4	7.4		2.5	.826		
13				7.4	7.4		1.7	.760		
14				7.4	7.4		2.8	.738		
15	12.7	1	.78	7.3	7.3	1.0	1.6	.698	209.4	60.0
16				7.3	7.3		1.2	.714		
17				7.3	7.4		2.8	.701		
18				7.3	7.3		2.5	.716		
19				7.4	7.4		1.2	.726		
20				7.4	7.4		1.0	.700		
21				7.3	7.3		1.0	.639		
22	9.9	1	4.60	7.3	7.3	1.0	1.6	.697	192.5	68.0
23				7.4	7.4		1.0	.699		
24				7.4	7.4		1.0	.592		
25				7.4	7.4		1.3	.789		
26				7.4	7.4		1.2	.635		
27				7.4	7.4		2.0	.657		
28				7.4	7.4		2.6	.696		
29				7.5	7.5		2.6	.607		
30				7.4	7.5		2.8	.642		
31	11.5	5	2.27	7.4	7.4	2.0	2.5	.652	192.8	48.0
Total	57.4	9	8.03	229.2	229.6	11.0	60.8	21.845	1002.5	296.0
Mo. Avg.	11.8	1.8	1.6	7.4	7.41	2.2	1.96	.705	200.5	59.2

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 14360	Name:	E.Garcia	
Evening Shift Operator	Class: A	Certificate No: 12234	Name:	Steve Berry	
Night Shift Operator	Class:	Certificate No:	Name:		
Lead Operator	Class: C	Certificate No: 13887	Name:	Angel De Leon	

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634
Monitoring Period From: 9/01/07 To: 9/30/07
Facility: Southlake Utilities WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.4	7.4		2.6	.651		
2				7.3	7.3		1.7	.843		
3				7.2	7.3		1.5	.710		
4				7.3	7.3		1.5	.699		
5	9.6	1	3.86	7.4	7.4	2.0	2.5	.559	204.2	98.0
6				7.4	7.5		1.6	.563		
7				7.4	7.4		1.6	.592		
8				7.5	7.5		0.9	.644		
9				7.4	7.4		0.6	.650		
10				7.4	7.4		1.0	.564		
11				7.4	7.5		2.3	.550		
12	8.2	1	4.39	7.5	7.5	1.0	2.7	.563	236.1	132.0
13				7.4	7.5		2.6	.599		
14				7.4	7.4		2.4	.618		
15				7.5	7.5		2.3	.700		
16				7.5	7.5		2.4	.749		
17				7.4	7.5		2.5	.728		
18				7.5	7.5		1.3	.678		
19	10.3	1	6.37	7.3	7.4	1.0	1.8	.592	151.7	50.0
20				7.4	7.4		1.8	.689		
21				7.3	7.3		1.0	.721		
22				7.4	7.4		1.3	.594		
23				7.4	7.4		1.1	.992		
24				7.2	7.3		1.0	.580		
25				7.3	7.3		1.2	.750		
26	12.3	1	7.28	7.3	7.3	1.0	2.4	.655	245.6	76.0
27				7.4	7.4		2.4	.702		
28				7.4	7.5		1.4	.671		
29				7.4	7.4		1.8	.710		
30				7.5	7.5		0.8	.711		
31										
Total	10.1	4	21.9	221.6	222.4	5.0	52	20.027	837.6	356
Mo. Avg.	2.52	1	5.47	7.4	7.41	1.3	1.7	.668	209.4	89

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E.Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 10/01/07 To: 10/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.5	7.5		1.2	.699		
2				7.4	7.5		2.0	.661		
3	9.9	1	3.32	7.4	7.4	1	2.6	.691	198.3	38.0
4				7.4	7.4		2.6	.739		
5				7.4	7.4		2.0	.678		
6				7.4	7.4		2.2	.790		
7				7.4	7.4		1.6	.752		
8				7.4	7.4		1.2	.705		
9				7.3	7.3		2.4	.725		
10	10.2	1	2.35	7.5	7.5	1	2.4	.748	180.8	44.0
11				7.5	7.5		2.6	.650		
12				7.5	7.5		2.1	.698		
13				7.4	7.4		2.0	.785		
14				7.5	7.5		1.8	.763		
15				7.5	7.5		2.0	.629		
16				7.4	7.5		2.6	.731		
17	8.1	1	4.57	7.4	7.4	1	2.5	.699	233.3	60.0
18				7.4	7.4		2.3	.748		
19				7.4	7.4		2.0	.753		
20				7.5	7.5		2.0	.806		
21				7.5	7.5		2.2	.767		
22				7.5	7.5		2.1	.748		
23				7.5	7.5		1.7	.742		
24	11.7	1	0.35	7.4	7.4	1	2.6	.695	233.3	60.0
25				7.4	7.4		2.4	.716		
26				7.4	7.4		2.3	.727		
27				7.4	7.4		2.0	.670		
28				7.4	7.4		2.6	.800		
29				7.4	7.4		1.5	.794		
30				7.4	7.4		2.3	.726		
31	9.2	1	1.22	7.5	7.5	1	2.6	.792	225.0	56.0
Total	49.1	5	11.81	230.4	230.6	5	66.4	22.627	1070.7	258.0
Mo. Avg.	9.82	1	2.36	7.4	7.4	1	2.14	.729	214.1	516

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E.Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 11/01/07 To: 11/30/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.5	7.5		2.4	.668		
2				7.5	7.5		2.5	.718		
3				7.5	7.5		2.4	.739		
4				7.5	7.5		2.6	.762		
5				7.2	7.2		1.2	.778		
6				7.3	7.3		2.7	.640		
7	9.8	1	2.87	7.4	7.4	2.0	2.6	.658	183.4	94.0
8				7.4	7.4		2.1	.639		
9				7.3	7.3		2.0	.678		
10				7.4	7.4		2.3	.721		
11				7.3	7.3		2.2	.735		
12				7.3	7.3		2.0	.590		
13				7.2	7.3		1.0	.642		
14	9.4	1	0.22	7.2	7.2	5.0	1.7	.657	150.0	88.0
15				7.5	7.5		2.6	.645		
16				7.5	7.5		2.6	.577		
17				7.4	7.4		2.4	.726		
18				7.5	7.5		2.8	.674		
19				7.5	7.5		1.6	.582		
20	11.0	1	0.67	7.4	7.4	1.0	2.3	.742	203.9	98.0
21				7.5	7.5		3.5	.726		
22				7.4	7.4		3.3	.656		
23				7.5	7.5		3.2	.790		
24				7.5	7.5		3.0	.680		
25				7.5	7.5		3.5	.887		
26				7.5	7.5		2.8	.602		
27				7.5	7.5		2.6	.612		
28	10.0	1	0.55	7.4	7.4	1.0	2.6	.627	158.4	80.0
29				7.5	7.5		2.8	.639		
30				7.4	7.4		2.5	.610		
31										
Total	40.2	4	4.31	222.5	222.5	9.0	73.8	20.4	695.70	360.0
Mo. Avg.	10.1	1	1.1	7.42	7.42	2.25	2.46	.680	173.93	90.0

PLANT STAFFING:

Day Shift Operator Class: C Certificate No: 14360 Name: E.Garcia

Evening Shift Operator Class: A Certificate No: 12234 Name: Steve Berry

Night Shift Operator Class: Certificate No: Name:

Lead Operator Class: C Certificate No: 13887 Name: Angel De Leon

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010634 Facility: Southlake Utilities WWTF
Monitoring Period From: 12/01/07 To: 12/31/07

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	Nitrogen, Nitrate, Total (as N) (MG/L)	pH, Min (SU)	pH, Max (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)	CBOD5 (MG/L)	TSS (MG/L)
Code	80082	74055	00620	00400	00400	00530	50060	50050	80082	00530
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF-1	INF-1
1				7.5	7.5		1.2	.692		
2				7.5	7.5		0.8	.733		
3				7.5	7.5		2.0	.632		
4				7.5	7.5		2.4	.574		
5	7.6	1	3.79	7.4	7.4	1.0	1.9	.614	171.7	298.0
6				7.5	7.3		2.8	.620		
7				7.4	7.4		1.7	.628		
8				7.5	7.5		2.0	.648		
9				7.4	7.4		1.6	.763		
10				7.5	7.4		2.8	.565		
11				7.3	7.3		2.8	.631		
12	11.2	1	.10	7.4	7.4	15.0	2.8	.651	245.6	82.0
13				7.4	7.4		1.6	.563		
14				7.2	7.2		3.3	.631		
15				7.3	7.3		2.7	.596		
16				7.5	7.5		2.0	.727		
17				7.5	7.5		2.1	.594		
18				7.5	7.5		2.0	.638		
19	6.1	1	1.55	7.5	7.5	1.0	2.9	.673	92.0	64.0
20				7.4	7.4		3.2	.569		
21				7.4	7.4		3.0	.673		
22				7.4	7.4		3.1	.756		
23				7.4	7.5		2.8	.869		
24				7.4	7.5		2.5	.689		
25				7.3	7.3		1.2	.855		
26	9.0	1	0.10	7.5	7.5	4.0	2.8	.781	205.0	272.0
27				7.5	7.5		2.0	.736		
28				7.4	7.4		1.8	.857		
29				7.4	7.4		2.0	1.022		
30				7.5	7.5		1.7	.942		
31				7.4	7.5		1.9	.748		
Total	33.90	4	5.54	230.3	230.2	21.0	57.2	21.67	714.30	716.0
Mo. Avg.	8.48	1	1.4	7.43	7.43	5.3	1.8	.700	178.58	179.0

PLANT STAFFING:

Day Shift Operator	Class:	C	Certificate No:	14360	Name:	E.Garcia
Evening Shift Operator	Class:	A	Certificate No:	12234	Name:	Steve Berry
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	C	Certificate No:	13887	Name:	Angel De Leon

Volume 3F

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

CERTIFIED MAIL
7003 1680 0001 8879 7702

May 11, 2005

SOUTHLAKE UTILITIES INC
6554 CROSSING BOULEVARD
CLERMONT FL 34711

OCD-C-WW-05-0478

ATTENTION JEFFREY CAGAN
PRESIDENT

Lake County - DW
Southlake Utilities WWTF
Wastewater Facility - Permit No. FLA010634
Noncompliance Letter

Dear Mr. Cagan:

On February 10, 2005, you were forwarded a noncompliance letter listing certain deficiencies that were found during a routine inspection on January 19, 2005. A copy of the noncompliance letter is enclosed.

You were requested to respond, in writing, within 14 days of the date of the letter with a schedule of action(s) to correct the deficiencies noted. As of this date, no reply has been received.

In order to avoid enforcement action, you are requested to respond within 7 days from receipt of this letter as to your intentions in correcting the deficiencies noted in the noncompliance letter.

Sincerely,

Gary P. Miller
Program Manager
Wastewater Compliance/Enforcement

GM/pf/ww

Enclosure: Noncompliance Letter No. OCD-C-WW-05-0137
cc: Lake County Water Resource Management , scatasus@co.lake.fl.us
Anil Desai, Program Manager, Ground Water Section, anil.desai@dep.state.fl.us

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

SENT VIA E-MAIL TO: Jeff@cagan.com

February 10, 2005

SOUTHLAKE UTILITIES INC
6554 CROSSING BOULEVARD
CLERMONT FL 34711

OCD-C-WW-05-0137

ATTENTION JEFFREY CAGAN
PRESIDENT

Lake County - DW
Southlake Utilities WWTF
Wastewater Facility - Permit No. FLA010634
Noncompliance Letter

Dear Mr. Cagan:

On January 19, 2005, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. Samples in the influent flow proportioned composite sampler were not maintained at 4 degrees Celsius.
2. The effluent sample pickup tubing had a loops and coils, which may prevent a complete purge.
3. At the time of the inspection, the Total Residual Chlorine (TRC) was 0.22 milligrams per Liter (mg/L), which is less than the minimum of 0.5 mg/L as required.
4. The Total Suspended Solids (TSS) result reported on the DMR for March and April 2003 were 141 and 113 mg/L, which exceeded the maximum limit of 60 mg/L for any one sample.
5. A review of ground water files for this facility indicates the following deficiencies:
   a. A current certification form containing the quality assurance section was not submitted with the ground water monitoring report for the first quarter of 2005. The correct form was submitted with previous reports. Please submit the correct form with the reports in the future.

b. No ground water monitoring report forms with elevation data were submitted for piezometers PZ-1 through PZ-4 for all quarters of data reviewed. Please submit the missing data and submit the reports for these locations with future submittals.

c. Depth to water instead of ground water elevations were reported for all quarters of data reviewed. This has been a historical problem at this facility, discussed in several non-compliance letters. Please calculate and record the ground water elevations for all wells and submit revised reports to the Department. The Department will no longer accept reports with depth to water reported. The reports will be returned to the facility for correction.

d. Nitrate concentrations were reported above the primary standard of 10 mg/L for ground water samples from compliance well MW-3 at 11.64 milligrams per Liter for the first quarter of 2005. Please investigate the cause of the elevated concentrations and report the results of the investigation to the Department.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Ground water questions should be directed to Marsha Johnson at (407) 893-3301. Your reply is requested within 14 days from the date of this letter. Your reply and any other questions should be addressed to Patrick Farris at (407) 893-3313.

Sincerely,

Gary P. Miller
Program Manager
Wastewater Compliance/Enforcement

GM/pf/ww
Enclosures: Inspection Report
Wastewater Compliance Information Flyer
cc: Lake County Water Resource Management, scatasus@co.lake.fl.us
Anil Desai, Program Manager, Ground Water Section, anil.desai@dep.state.fl.us

COMET ENTRY DATE
02/07/05

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Southlake Utilities WWTF	FLA010634	Lake	1/19/05
South US Highway 27		Phone	@ Exit Date/Time
Clermont FL			

Name(s) of Field Representatives(s)	Title	Phone
Angel Deleon	Operator	
Eddy Garcia	Operations Manager	

Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Jeffrey Cagan	President	(352) 394-8898	Angel Deleon C-13887
Southlake Utilities, Inc.			
6554 Crossing Boulevard	E-mail	Fax	
Clermont FL 34711	Jeff@cagan.com		

Inspection Type	C	E	I	Samples Taken(Y/N): Yes	@ Sample ID#: TL1, TL2, TL3, TL4	Samples Split (Y/N): N
☒ Domestic ☐ Industrial				Were Photos Taken(Y/N): Y	@ Log book Volume : 3	@ Page 147

FACILITY COMPLIANCE AREAS EVALUATED

IC = In Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE or Blank = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦Permit	NE	3. Laboratory	IC	6. Facility Site Review	NC	9. ♦Effluent Quality
NA	2. ♦Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦Effluent Disposal
		NC	5. ♦Records & Reports	NC	8. ♦Operation & Maintenance	IC	11. Residuals/Sludge
	13. Other:					NC	12. Groundwater

Facility and/or Order Compliance Status: ☐ In-Compliance ☒ Out-Of-Compliance ☐ Significant-Out-Of-Compliance

Recommended Actions: Noncompliance Letter

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Patrick Farris Patrick Farris	Central District 407-893-3313	2/7/05
@ Signature of Reviewer	District Office/Phone Number	Date
Kalina Warren Kalina Warren	Central District 407-893-3313	02/08/05

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)

Transaction Code	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N 5			1	2	3

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1): A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI
Inspection Code (Field 2): S=State, J=Joint EPA/State EPA Lead, T=Joint State/EPA State Lead, L=Local Program
Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Federal
Every other field is self explanatory

Revised: May 26, 2004

INSPECTION COMMENTS

An existing 0.300 mgd annual average daily flow (AADF) permitted capacity re-rated to 0.600 MGD AADF extended aeration activated sludge domestic wastewater treatment plant consisting of influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals.

1. Permit: **In Compliance**
   - Permit number FLA010634 will expire on November 1, 2006.
   - A copy of the permit was available on-site.

2. Compliance Schedules: **Not Applicable**
   - Not applicable.

3. Laboratory: **Not Evaluated**
   - The facility uses Tri Tech Laboratory. The lab was not evaluated.

4. Sampling: **Out of Compliance**
   - Influent and effluent composite samplers.
   - Sampling day of inspection, sampling event was done before inspection began.
     - Influent Sampler:
       - **Thermometer read –1° C**, sample was not frozen. Sample temperature should be 0-4° C.
       - Tygon tubing, coiled by sampler.
     - Effluent Sampler:
       - Thermometer read 1° C,
       - **Black tubing is used**, placed in effluent outfall.
       - **Black tubing had coils that would allow water to stand in tubing and prohibit complete purging.**
   - Notes in logbook state: sampler temperature had been turned down on 1/15/05 to get temp. in correct range. On 1/16/05 sampler was at 4° C and on 1/18/05 sampler was set up to collect samples.
   - Tri Tech Laboratory picked up the samples and placed them in a cooler on ice.

5. Records And Reports: **Out of Compliance**
   - Bound and numbered logbook was on site with notes on operation and maintenance performed on plant.
   - A copy of the operation and maintenance manual was on-site.
   - A copy of the license for each certified operator that services this facility was on-site.
   - A copy of the laboratory certification was on-site.
   - DMRs were reviewed from March 2003 to August 2004.
   - **Percent Capacity (TMADF) was exceeded on the DMRs for March 2003 reported at 148%, April 2003 reported at 151%, May 2004 reported at 155%, June 2003 reported at 156% and August 2004 reported at 106%.** *Plant is under expansion to correct for high flows.*
   - **Nitrate, Influent $CBOD_5$, Influent TSS were not reported on Part A of the DMR for August 2004.**

6. Facility Site Review: **In Compliance**
   - *Access:* Fenced and gated
   - *Physical Plant:* **The plant being used had tanks bulging.** Mr. Garcia said that when the second plant was finished, the first plant was going to be rebuilt. Contractors were working on the second plant.
   - *Headworks:* The surge tank was taken out of service to be used as a digester.
   - *Aeration:* Good

- *Mixed Liquor:* Light brown, no odor, light foam
- *Clarifier:* Stilling well is ok, **foam and ash on surface,** skimmer is on, **only one skimmer arm is connected,** weir is clean, water over weir is clear
- *Chlorine Contact Chamber:* Could not evaluate, a 15,000 gallon drinking water tank is currently being used as the CCC while the new CCC is built. Due to the tank being a closed tank, it is impossible to inspect the inside. The tank most likely does not have baffles, which would allow for short-circuiting and therefore would lack the 15 minute contact time at peak flow.
- *Chlorination Method:* Gas Chlorine, gas cylinders were roped to a pine tree on-site. The chlorine shed was locked, but had the fan running.
- *Digester:* Storage available
- *Backflow Prevention:* Well water used.

7. Flow Measurement: **In Compliance**
   - Flow meter was calibrated.

8. Operation And Maintenance: **Out of Compliance**
   - A certified operator was on-site as required by the permit.

9. Effluent Quality: **Out of Compliance**
   - DMRs were reviewed from March 2003 to August 2004.
   - Grab samples were taken at the time of the inspection:
     - **TRC was 0.22mg/L.**
     - pH was7.5 SU.
     - TSS was 6.5.
     - $CBOD_5$ was 2.7.
     - Fecal coliform 420 fcc/100mL.
     - Nitrate was 1.3mg/L.
   - **The TSS result reported on the DMR for March 2003 was 141 mg/L which exceeded the maximum limit of 60 mg/L for any one sample.**
   - **The TSS result reported on the DMR for April 2003 was 113 mg/L which exceeded the maximum limit of 60 mg/L for any one sample.**

10. Effluent Disposal Method: **In Compliance**
    - Method of effluent disposal is to two percolation ponds.
    - The vegetation on the berms was well maintained and the bottom was scarified.
    - One percolation pond berm has been broken, this is allowed in the permit to allot for expansion. A third pond will be constructed.

11. Residuals Management: **In Compliance**
    - Agreement with Shelly's Septic Tanks RMF.
    - Synagro thickens the sludge, then Shelly's hauls.

12. Ground Water: **Out of Compliance**
    - **A review of ground water files for this facility indicates the following deficiencies:**
      - **A current certification form containing the quality assurance section was not submitted with the ground water monitoring report for the first quarter of 2005. The correct form was submitted with previous reports. Please submit the correct form with the reports in the future.**

- **No ground water monitoring report forms with elevation data were submitted for piezometers PZ-1 through PZ-4 for all quarters of data reviewed. Please submit the missing data and submit the reports for these locations with future submittals.**
- **Depth to water instead of ground water elevations were reported for all quarters of data reviewed. This has been a historical problem at this facility, discussed in several non-compliance letters. Please calculate and record the ground water elevations for all wells and submit revised reports to the Department. The Department will no longer accept reports with depth to water reported. The reports will be returned to the facility for correction immediately.**
- **Nitrate concentrations were reported above the primary standard of 10 mg/L for ground water samples from compliance well MW-3 at 11.64 milligrams per Liter for the first quarter of 2005. Please investigate the cause of the elevated concentrations and report the results of the investigation to the Department.**

EDay Page Fol36
WTP

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

January 2, 2007

Southlake Utilities, Inc.
16554 Cagan Crossings Boulevard, Suite 2
Clermont, FL 34714

OCD-PW-SS-06-1284

Attention: Jeff Cagan, President

Lake County – PW
South Lake Utilities
PWS ID Number 3354916

Dear Mr. Cagan:

This confirms a visit to the subject community public water system on November 17, 2006, by Danielle Owens to conduct a sanitary survey inspection. A copy of the sanitary survey inspection report is enclosed for your reference and records.

Deficiencies found during the sanitary survey and in Department records are listed in the enclosed report. These deficiencies shall be corrected in order to return to compliance with *Florida Administrative Code (F.A.C.)* Rules 62-550, 62-555, 62-560 and 62-602.

Please correct the indicated deficiencies, and notify the Department in writing that the deficiencies have been corrected, **no later than February 9, 2007**. *(You may use the attached response form to indicate the corrective actions taken.)*

If you have any questions, please contact Danielle Owens by email at Danielle.D.Owens@dep.state.fl.us or by phone at (407) 894-7555, extension 2216.

Sincerely,

Kim Dodson

Kim Dodson, Environmental Manager
Drinking Water Compliance and Enforcement

KMD/ddo
Enclosures

cc: Eddy Garcia, Operations Manager
Kyle Kubanek, DEP Drinking Water Permitting
Danielle Owens, DEP Drinking Water Compliance

State of Florida
Department of Environmental Protection
Central District

SANITARY SURVEY REPORT

Plant Name **Southlake Utilities** County Lake PWS ID # **3354916**
Plant Location 930 Highway 27, Clermont, FL 34711 Phone (352) 394-8898
Owner Name South Lake Utilities, Inc., Attn: Jeff Cagan, Prsident Phone (352) 394-8898
Owner Address 16554 Cagan Crossings Boulevard, Ste 2, Clermont, FL 34714
Contact Person Eddy Garcia Title Operations Manager Phone (352) 516-8832
This Survey Date 11/17/06 Last Survey Date 11/04/03 Last C.I. Date 06/11/98

PWS TYPE & CLASS
☒ Community (4C)
☐ Non-transient Non-community
☐ Non-Community

PWS STATUS
☒ Approved system with approval number & date
WC35-210970 – 09/25/92
WC35-251071 – 06/27/94
☐ Unapproved system

SERVICE AREA CHARACTERISTICS
Subdivision

Food Service: ☐ Yes ☐ No ☒ N/A

OPERATION & MAINTENANCE
Certified Operator: ☒ Yes ☐ No
Operator(s) & Certification Class-Number
Eddy Garcia C-13538

O & M Log: ☒ Yes ☐ No
Operator Visitation Frequency
Hrs/day: *Required* 1 *Actual* 1
Days/wk: *Required* 5+1 *Actual* 7
Non-consecutive Days? ☐ Yes ☐ No ☒ N/A
MORs submitted regularly? ☒ Yes ☐ No ☐ N/A
Data missing from MORs? ☒ No ☐ Yes ☐ N/A

Number of Service Connections 1,759
Population Served 6,157 Basis Operator
Average Day (from MORs) 1,180,947 gpd
Max. Day (from MORs) 3,415,000 gpd 05/06
Max-day Design Capacity 2,916,000 gpd
Comments Exceeding max-day design capacity.

RAW WATER SOURCE
☒ GROUND; Number of Wells 2
☐ SURFACE/UDI; Source
☐ PURCHASED from PWS ID #
☐ Emergency Water Source
Emergency Water Capacity

AUXILIARY POWER SOURCE
☒ Yes ☐ None ☐ Not Required
Source Cummins Diesel Generator
Capacity of Standby (kW) 300kw
Switchover: ☒ Automatic ☐ Manual
Standby Plan: ☒ Yes ☐ No
Hrs Operated Under Load 1 hr/wk
What equipment does it operate?
☒ Well pumps 1 well
☒ High Service Pumps 2 HSPs
☒ Treatment Equipment All
Satisfy average day demand? ☒ Yes ☐ No ☐ Unk
Comments Generator put into service without prior clearance from this Department.
Audio-visual alarm available.

TREATMENT PROCESSES IN USE
Disinfection
Aeration
What additional treatment is needed?
None at this time
For control of what deficiencies? N/A

DISTRIBUTION SYSTEM
Flow Measuring Device Flow Meter
Meter Size & Type 12" Sparling & 8" Neptune
Backflow Prevention Devices: ☒ Yes ☐ No
Cross-connections None observed
Written Cross-connection Control Program: Yes
Coliform Sampling Plan: ☐ Yes ☒ No ☐ N/A
Comments **Disinfectants/Disinfection Byproduct Rule Monitoring Plan and Coliform Sampling Plan not available for review. O&M Manual, Emergency Response Plan, and Cross-connection Control Program available for review. Flushing and valve exercising logged in log book, but there is no written preventive maintenance program.**

PWS ID # 3354916
Date 11/17/06

GROUND WATER SOURCE

Well Number (FLUWID No.)		1-Well D (AAF4460)	2-Well B Abandoned	3-Well E	4-Well F Not permitted
Year Drilled		1994		2004	
Depth Drilled		448'		650'	
Drilling Method		Cable tool		Combination	
Type of Grout		Neat cement		Unknown	
Static Water Level		18.7'		21'	
Pumping Water Level		37.9'		Unknown	
Design Well Yield		Unknown		Unknown	
Test Yield		1,000 gpm		Unknown	
Actual Yield (if different than rated capacity)		Unknown		Unknown	
Strainer		Unknown		Unknown	
Length (outside casing)		293'		185'	
Diameter (outside casing)		12"		30"	
Material (outside casing)		Black steel		Black steel	
Well Contamination History		None		None	
Is inundation of well possible?		No		No	
6' X 6' X 4" Concrete Pad		Yes		Yes	
SET BACKS	Septic Tank	N/A		N/A	
	Reuse Water	N/A		N/A	
	WW Plumbing	> 100'		> 100'	
	Other Sanitary Hazard	None observed		None observed	
PUMP	Type	Vertical turbine		Vertical turbine	
	Manufacturer Name	Goulds		Goulds	
	Model Number	12RJNO-4		12DHLC	
	Rated Capacity (gpm)	1,000		1,200	
	Motor Horsepower	75		50	
Well casing 12" above grade?		Yes		Yes	
Well Casing Sanitary Seal		Ok		Ok	
Raw Water Sampling Tap		Yes		Yes	
Above Ground Check Valve		Yes		Yes	
Fence/Housing		Fence		Fence	
Well Vent Protection		Yes		Yes	

COMMENTS Well B was abandoned when well E was cleared for service 11/05/04. There is a well F on the premises that is not on-line and has not been permitted by this Department.

PWS ID # 3354916
Date 11/17/06

CHLORINATION (Disinfection)
Type: ☐ Gas ☒ Hypo
Make Prominant X2 Capacity 2.77 gph
Chlorine Feed Rate #1-50% stroke #2-6% stroke
Avg. Amount of Cl_2 gas used N/A
Chlorine Residuals: Plant 1.30 Remote .68
Remote tap location Nelson Park Apartments
DPD Test Kit: ☐ On-site ☒ With operator ☐ None ☐ Not Used Daily
Injection Points: Pre & post chlorination
Booster Pump Info N/A
Comments 2 Prominant hypochlorinator pumps each with a capacity of 2.77 gph. Conversion from gas to hypo put into service without prior clearance from this Department.

Chlorine Gas Use Requirements	YES	NO	Comments
Dual System	☐	☐	
Auto-switchover	☐	☐	
Alarms:			
Loss of Cl_2 capability	☐	☐	
Loss of Cl_2 residual	☐	☐	
Cl_2 leak detection	☐	☐	
Scale	☐	☐	
Chained Cylinders	☐	☐	
Reserve Supply	☐	☐	
Adequate Air-pak	☐	☐	
Sign of Leaks	☐	☐	
Fresh Ammonia	☐	☐	
Ventilation	☐	☐	
Room Lighting	☐	☐	
Warning Signs	☐	☐	
Repair Kits	☐	☐	
Fitted Wrench	☐	☐	
Housing/Protection	☐	☐	

AERATION (Gases, Fe, & Mn Removal)
Type Cascade Capacity 5,000 gpm
Aerator Condition Unknown
Bloodworm Presence Unknown
Visible Algae Growth Unknown
Protective Screen Condition Unknown
Comments

STORAGE FACILITIES
(G) Ground (H) Hydropneumatic (E) Elevated
(B) Bladder (C) Clearwell

Tank Type/Number	G/1	G/2	G/3
Capacity (gal)	108,000	1 MG	1.5 MG
Material	Concrete	Crom	Crom
Gravity Drain	Yes	Yes	Yes
By-pass Piping	Yes	Yes	Yes
Pressure Gauge	N/A	N/A	N/A
Sight Glass or Level Indicator	Yes	Yes	Yes
Fittings for Sight Glass	N/A	N/A	N/A
Protected Openings	Yes	Yes	Yes
PRV/ARV	N/A	N/A	N/A
On/Off Pressure	N/A	N/A	N/A
Access Padlocked	Yes	Yes	Yes
Height to Bottom of Elevated Tank	N/A	N/A	N/A
Height to Max. Water Level	N/A	N/A	N/A

Comments Access manhole. G/1 offline. G/2 cleared for service 04/18/05.G/3 – 1.5 MG Crom has not been cleared for service and is currently offline. This system originally had two hydropneumatic tanks that were removed once the ground storage tanks were installed.

PWS ID # 3354916
Date 11/17/06

HIGH SERVICE PUMPS

Pump Number	1	2	3	4
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Make	Weinman	Weinman	Weinman	Peerless
Model	5L1-2	5L1-365T	5-112	6AF-16
Capacity (gpm)	1,350	1,350	1,350	1,500
Motor HP	75	75	75	100
Date Installed	2002	2001	2002	2003
Maintenance	As needed	As needed	As needed	As needed

Comments Right angle drive unit no longer connected to HSP #4.

DEFICIENCIES:

1. **Failure to obtain Department approval or clearance prior to placing constructed modifications into operation.**
   The following components were put into operation with out clearance from this Department.
   a. Disinfection processes were converted from gas chlorination to hypochlorination
   b. Cummins 2100 Series diesel generator

   Except as allowed under subsection 62-555.340(5), F.A.C., or by special permit condition established in accordance with paragraph 62-555.533(2)(f), F.A.C., no public water system (PWS) components constructed or altered under a permit granted by the Department shall be placed into permanent operation without prior Department approval, or clearance, as described in Rule 62-555.345. [Rule 62-555.345, F.A.C.]

2. **Failure to operate the water treatment plant within the designated maximum-day operating capacity.** A review of records indicates flows exceeded the maximum-day design capacity during May and June 2006. Additionally, the maximum-day quantity of finished water produced exceeded 75 percent of the total permitted maximum-day operating capacity of the plant during May-December 2005, January-August 2006, and October 2006.

   No supplier of water shall operate any drinking water treatment plant at a capacity greater than the plant's permitted operating capacity except with the Department's prior approval, which shall be given when such operation will not cause a violation of a maximum contaminant level, a treatment technique requirement, or other operating requirements and is for no more than three months, or under circumstances that the supplier of water documents as highly unusual and nonrecurring. [Rule 62-555.350(4), F.A.C.]

   When the total maximum-day quantity of finished water produced by all treatment plants connected to a water system, including water produced to meet any fire-flow demand but excluding water produced to meet any demand that the supplier of water documents to be highly unusual and nonrecurring, exceeds 75 percent of the total permitted maximum-day operating capacity of the plants, the supplier of water shall submit source/treatment/storage capacity analysis reports to the Department according to the schedule described in paragraphs (a) and (b) below; however, in no case shall it be necessary to submit more than one report annually. The reports shall be submitted to the appropriate Department of Environmental Protection District Office.

DEFICIENCIES (continued):

(a) The initial report shall be submitted within six months after the month in which the total maximum-day quantity of finished water produced by the treatment plant(s) first exceeds 75 percent of the total permitted maximum-day operating capacity of the plant(s) or by August 28, 2004, whichever occurs later.

(b) Updated reports shall be submitted as follows:

1. If the initial report or the latest updated report indicates that maximum-day water demand (including fire-flow demand if fire protection is being provided) at build-out will not exceed the total permitted maximum-day operating capacity of the treatment plant(s) and that finished-water storage need (including fire storage if fire protection is being provided) at build-out will not exceed the existing total useful finished-water storage capacity, no additional report is required.
2. If the initial report or the latest updated report indicates that maximum-day water demand (including fire-flow demand if fire protection is being provided) will not exceed the total permitted maximum-day operating capacity of the treatment plant(s) for at least ten years and that finished-water storage need (including fire storage if fire protection is being provided) will not exceed the existing total useful finished-water storage capacity for at least ten years, the next updated report shall be submitted within five years after submittal of the previous report.
3. If the initial report or the latest updated report indicates that maximum-day water demand (including fire-flow demand if fire protection is being provided) will exceed the total permitted maximum-day operating capacity of the treatment plant(s) in less than ten years but greater than or equal to five years or that finished-water storage need (including fire storage if fire protection is being provided) will exceed the existing total useful finished-water storage capacity in less than ten years but greater than or equal to five years, the next updated report shall be submitted within two years after submittal of the previous report.
4. If the initial report or the latest updated report indicates that maximum-day water demand (including fire-flow demand if fire protection is being provided) will exceed the total permitted maximum-day operating capacity of the treatment plant(s) in less than five years or that finished-water storage need (including fire storage if fire protection is being provided) will exceed the existing total useful finished-water storage capacity in less than five years, the next updated report shall be submitted within one year after submittal of the previous report.

[Rule 62-555.348(3), F.A.C.]

Each initial or updated source/treatment/storage capacity analysis report shall evaluate the capacity of all source, treatment, or storage facilities connected to a water system and shall contain the following information:

(a) The capacity of each water treatment plant's source water facilities and treatment facilities; the permitted maximum-day operating capacity and, if applicable, permitted peak operating capacity of each plant; and the useful capacity of each finished-water storage facility;

(b) The maximum-day and annual average daily quantities of finished water produced by each plant during each of the past ten years or during each of the years the plant has been in operation, whichever is less;

DEFICIENCIES (continued):

(c) Projected total water demands--total annual average daily demand and total maximum-day demand (including fire-flow demand if fire protection is being provided)--for at least the next ten years and projected total finished-water storage need (including fire storage if fire protection is being provided) for at least the next ten years;

(d) An estimate of the time required for maximum-day water demand (including fire-flow demand if fire protection is being provided) to exceed the total permitted maximum-day operating capacity of the plant(s) and an estimate of the time required for finished-water storage need (including fire storage if fire protection is being provided) to exceed the existing total useful finished-water storage capacity;

(e) Recommendations for new or expanded source, treatment, or storage facilities; and

(f) A recommended schedule showing dates for design, permitting, and construction of recommended new or expanded source, treatment, or storage facilities.

[Rule 62-555.348(4), F.A.C.]

Each initial or updated source/treatment/storage capacity analysis report shall be prepared under the responsible charge of one or more professional engineers licensed in Florida and shall be signed, sealed, and dated by the professional engineer(s) in responsible charge. [Rule 62-555.348(5), F.A.C.]

If an initial or updated source/treatment/storage capacity analysis report indicates that maximum-day water demand (including fire-flow demand if fire protection is being provided) will exceed the total permitted maximum-day operating capacity of the water treatment plant(s) in less than five years or that finished-water storage need (including fire storage if fire protection is being provided) will exceed the existing total useful finished-water storage capacity in less than five years, documentation of timely design, permitting, and construction of recommended new or expanded source, treatment, or storage facilities shall be submitted with the report. The documentation shall consist of a written statement that is signed by an authorized representative of the supplier of water and that certifies the supplier is meeting, and intends to meet, the report's recommended schedule for design, permitting, and construction of recommended new or expanded source, treatment, or storage facilities. [Rule 62-555.348(6), F.A.C.]

Suppliers of water seeking to have the permitted operating capacity of a water treatment plant rerated shall submit to the appropriate Department of Environmental Protection District Office a construction permit application using Form 62-555.900(1), Application for a Specific Permit to Construct PWS Components, as incorporated into subsection 62-555.520(2), F.A.C. [Rule 62-555.528(2), F.A.C.]

3. **Failure to provide a disinfectant/disinfection byproducts rule monitoring plan.**

The monitoring plans required under 40 CFR 141.132(f) shall be prepared in a format containing all the information in 62-550.821(11), F.A.C. and shall be available for review during sanitary surveys conducted by the Department. [62-550.321(10) and (11), F.A.C.]

An example monitoring plan format can be downloaded from the following website: http://www.dep.state.fl.us/water/drinkingwater/forms.htm

Submit a copy of the monitoring plan to the Department for review.

4. **Failure to provide a written sampling plan for total coliform monitoring.**

Public water systems shall collect total coliform samples at sites that are representative of water throughout the distribution system and in accordance with a written sampling plan that addresses location, timing, frequency, and rotation period. These plans shall be available for review and possible revision on the occasion of a sanitary survey conducted by the Department. Descriptions of sampling locations shall be specific, i.e., numbered street addresses or lot numbers. Pressure tank or plant tap samples are not acceptable for determining compliance. [Rule 62-550.518(1), F.A.C.]

DEFICIENCIES (continued):

5. **Failure to maintain an up-to-date map of the drinking water distribution system.**

   Suppliers of water who own or operate a **community water system serving, or designed to serve, 350 or more persons or 150 or more service connections** shall have, and thereafter maintain, an up-to-date map of their drinking water distribution system. Such a map shall show the location and size of water mains if known; the location of valves and fire hydrants; and the location of any pressure zone boundaries, pumping facilities, storage tanks, and interconnections with other public water systems. [Rule 62-555.350(14), F.A.C.]

6. **Failure to provide a written preventive maintenance program.**

   Suppliers of water shall keep all necessary public water system components in operation and shall maintain such components in good operating condition so the components function as intended. Preventive maintenance on electrical or mechanical equipment -- including exercising of auxiliary power sources, checking the calibration of finished-drinking-water meters at treatment plants, testing of air or pressure relief valves for hydropneumatic tanks, and exercising of isolation valves -- shall be performed in accordance with the equipment manufacturer's recommendations or in accordance with a written preventive maintenance program established by the supplier of water; however, in no case shall auxiliary power sources be run under load less frequently than monthly. [Rule 62-555.350(2), F.A.C.]

REMINDERS/COMMENTS:

- **Obtain clearance of any permitted project before placing the project into service.**

  A Clearance Letter must be issued by the DEP Central District Potable Water program before placement of any permitted project into service.

  To obtain a clearance letter, the engineer of record must submit the following:

  a. Completion of the "Request for letter of Release to Place Water Supply System into Service" [DEP Form 62.555.900(9), F.A.C.]

  b. A copy of the original permit

  c. A copy of satisfactory bacteriological sample results taken on two consecutive days from the locations specified in the permit.

- **It was noted during the inspection that there is a well "F", which has not been permitted by this Department.**
  The following is a preliminary notice to advise you of this department's requirements that must be met after the St. Johns River Water Management District has issued the permit to construct your well.

  In accordance with Chapter 62-555, Florida Administrative Code (F.A.C.), it shall be necessary to provide, and obtain approval for, those items below prior to constructing any of the potable water system (raw water piping, pumping, treatment, distribution piping, etc.) beyond the well head:

  a. A legible copy of the well contractor's well completion report following completion of the drilling operation.

  b. THROUGH A FLORIDA-REGISTERED PROFESSIONAL ENGINEER, a completed application [DEP Form 62-555.900(1), copy enclosed] with one copy of signed and sealed engineering plans, specifications, appropriate fee and related documents (including pump curve and well yield test results) covering this well, pump, piping, and any treatment and distribution facilities for review towards approval for equipping & connecting this well beyond the well head.

REMINDERS/COMMENTS (continued):

c. Results of a chemical analysis of a sample of water from this well performed by a laboratory certified by the State of Florida, Department of Health for the following parameters:
   - o **Nitrate**
   - o **Nitrite**
   - o **Turbidity, NTU (Note: Well should be properly developed until a turbidity level of 1.0 NTU or less is demonstrated.)**
   - o **Hydrogen Sulfide**
   - o **Secondary Standards**

Following disinfection of the well and installation of the permanent pump, results of a 20-sample bacteriological survey will be required. No more than two samples, at least six hours apart, shall be collected per day. The samples of raw water from the well shall be submitted to a laboratory certified by the Department of Health for bacteriological analysis.

Any questions or documents pertaining to this issue should be addressed to Richard Lott or Osama Mahmoud, DEP Drinking Water Permitting, at 3319 Maguire Boulevard, Orlando, FL 32803 or via telephone at (407) 894-7555. [Rule 62-555.520(1)(b), F.A.C.]

Please be advised that failure to obtain written approval and/or a construction permit from the Department may result in enforcement action.

- **Provide dates of last cleaning and inspection for the finished-drinking-water storage tank.**

  Accumulated sludge and bio-growths shall be cleaned routinely (i.e., at least annually) from all treatment facilities that are in contact with raw, partially treated, or finished drinking water and that are not specifically designed to collect sludge or support a bio-growth; and blistering, chipped, or cracked coatings and linings on treatment or storage facilities in contact with raw, partially treated, or finished drinking water shall be rehabilitated or repaired. [Rule 62-555.350(2), F.A.C.]

  Finished-drinking-water storage tanks shall be checked at least annually to ensure that hatches are closed and screens are in place; shall be cleaned at least once every five years to remove bio-growths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida. [Rule 62-555.350(2), F.A.C.]

- All suppliers of water shall keep records documenting that their finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, have been cleaned and inspected during the past five years in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]
  The enclosed document provides information about some of the requirements for storage tank cleaning and inspection.

- David Hanna of the Florida Rural Water Association performed a flow meter accuracy test on 11/28/06. The percent error between the meters and test equipment is a follows:
  - o 8" Neptune – 1.5%
  - o 12" Sparling – 1%

Inspector Osama M. Osama Title Env. Specialist I Date 12/27/06

Approved by [signature] Title Environmental Manager Date 1/2/07

RESPONSE FORM

Please provide any changes to the following:

PWS ID Number: 3354916

PWS Name: **Southlake Utilities**

Mailing Address: _____

Date: _____

Business Name: _____

Owner(s) Name: _____

Mailing Address: _____

Phone Number(s): _____

Fax #: _____

E-Mail Address: _____

Florida Department of Environmental Protection
Drinking Water Compliance/Enforcement Program
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803

Attn: Danielle D. Owens, Environmental Specialist

In response to the Department's Compliance Inspection Report for the subject public water system dated November 17, 2006, the following actions were done to correct the listed deficiencies:

Deficiency Item No.	Corrective Action Done	Date Done

(Attach additional sheet if necessary)

I hereby certify to the correctness of the above information:

PWS Owner/Representative Signature: _____

Name of PWS Owner/Representative: _____
(Please Type or Print)

Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

SENT VIA E-MAIL TO: jeff@cagan.com

October 23, 2008

SOUTHLAKE UTILITIES INC
6554 CROSSING BOULEVARD
CLERMONT FL 32711

OCD-C-WW-08-0853

ATTENTION JEFFREY CAGAN
PRESIDENT

Lake County - DW
Southlake WWTF
Wastewater Facility - Permit No. FLA010634
Noncompliance Letter

Dear Mr. Cagan:

On September 19, 2008, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. A single grab pH sample was being collected and reported on the Discharge Monitoring Reports (DMRs) instead of the continuous monitored meter result. The permit states that the pH be continually monitored and the result reported based on the meter readings.
2. A review of the DMRs from February 2007 to July 2008 indicates that fecal coliform 90% is not being reported.
3. There was a build-up of solids in the chlorine contact chambers.
4. The percent capacity was calculated and reported incorrectly on the DMRs for February 2007 to July 2008. For the percent capacity divide the three month average daily flow by the permitted flow capacity and multiply by 100.
5. The 3 Month Average Daily Flow was not calculated or reported correctly on Part A of the DMRs. The 3 Month Average Daily Flow should be calculated by adding the current monthly average daily flow to the last two (2) monthly average daily flows and dividing the sum by 3. The value is then entered in the column of the DMR.
6. On many occasions various values were reported incorrectly on Part A of the DMRs for February 2007 through July 2008. Please see the inspection report for details. It is important to report all data carefully and accurately as specified on the DMRs.
7. Part A of the Discharge Monitoring Reports (DMRs) is not being filled out completely. All of the blocks above the shaded areas containing monitoring instructions including sample measurements, units, frequency of analysis, sample type, number of exceedances (No. Ex.), average, maximum, and minimum must be completed.
8. The self-monitoring results are being submitted to the Department on a revised DMR form. Please see the inspection report for details.

9. A review of the ground water files for this facility indicates the following deficiencies:
   a. The Department has not received the ground water monitoring reports for the first quarter of 2006 and second quarter of 2007. Submit these reports as soon as possible.
   b. Depth to water measurements were reported instead of ground water elevations for all well locations for the second, third and fourth quarters of 2006, first, third and fourth quarters of 2007 and first and third quarters of 2008. This deficiency has been noted in two or more previous non-compliance letters. Submit a summary table containing the ground water elevations for all quarters of 2006, 2007 and 2008 as soon as possible.
   c. Piezometer elevation data was not submitted on the forms for piezometers PZ-1, PZ-2, PZ-3 and PZ-4 for the first, second, third and fourth quarters of 2007 and first, second and third quarters of 2008. Complete the forms and submit this information as soon as possible.
   d. Nitrate concentrations were reported above the primary standard of 10 milligrams per Liter (mg/L) in the ground water samples from compliance well MW-1 for the fourth quarter of 2006, first quarter of 2007 and first and third quarters of 2008. Determine the cause of these concentrations and provide the conclusion to the Department with a plan to reduce the concentrations to below the primary standard.
   e. Nitrate concentrations were reported above the primary standard of 10 mg/L in the ground water samples from compliance well MW-3 for the first and third quarters of 2008. Determine the cause of these concentrations and provide the conclusion to the Department with a plan to reduce the concentrations to below the primary standard.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Daniel K. Hall at (407) 893-3313. Ground water questions should be directed to Marsha Johnson at (407) 893-3308, Ext. 2275.

Sincerely,

Gary P. Miller
Program Manager
Wastewater Compliance/Enforcement

GM/dkh/ar

Enclosure: Inspection Report

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us
GW Section

10/20/2008 9:15:00 AM

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Southlake Utilities WWTF	FLA010634	Marion	9/19/2008 10:00 AM
333 US Highway27		Phone	@ Exit Date/Time
Clermont, FL 34714-9658			9/19/2008 10:41 AM
Name(s) of Field Representatives(s)	**Title**		**Phone**

Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Jeffrey Cagan	President		
16554 Crossings Blvd, Suite 2			
Clermont, FL 34471			

Inspection Type	C	E	I	Samples Taken(Y/N): N	@ Sample ID#:	Samples Split (Y/N):
☒ Domestic ☐ Industrial				Were Photos Taken(Y/N): N	@ Log book Volume: 1 dkh	@ Page: 230

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; NC: Out of Compliance; SC: Significant out of Compliance; NA: Not Applicable; NE or Blank: Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF-MONITORING PROGRAM		FACILITY/OPERATION		RECORDS/REPORTS
IC	1. ♦Permit	NE	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦Effluent Quality
NA	2. ♦Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦Effluent Disposal
		SC	5. ♦Records & Reports	IC	8. ♦Operation & Maintenance	IC	11. Residuals/Sludge
	13. Other:					NC	12. Groundwater

Facility and/or Order Compliance Status: ☐ In-Compliance ☒ Out-Of-Compliance ☐ Significant-Out-Of-Compliance

Recommended Actions:

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Daniel K. Hall	Central District Office 407-893-3313	October 17, 2008
@ Signature of Reviewer	**District Office/Phone Number**	**Date**
Clarence Anderson	Central District Office 407-893-7876	10/21/08

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI, ASI, ANI)

Transaction Code		NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N	5			1	2	3

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1) A:PAI, B:CBI, C:CEI, S:CSI, X:XSI, R:RI, I:ASI, =:ANI
Inspection Code (Field 2): S: State, J: Joint EPA/State-EPA Lead, T: Joint State/EPA-State Lead, L: Local Program
Facility Type (Field 3): 1: Municipal (Publicly Owned), 2: Industrial and Privately Owned Domestic, 3: Agricultural, 4: Federal
Every other field is self explanatory

Revised: August 11, 2006

Inspection Findings

Facility Name: Southlake Utilities WWTF
Facility ID: FLA010634
Inspection Type: CEI
Date: 9/19/08

Facility Background:

Address: 333 US Highway 27, Clermont, FL 34714-9658, Lake County
Permit Information: Wastewater Permit Issued: April 19, 2007, and expires: April 15, 2012.
Treatment Summary: Extended aeration sewage treatment plant with effluent to two percolation ponds
Permitted Capacity: 1.15 MGD

1. **Permit:** IN COMPLIANCE
   1.1. Observation: A copy of the permit was onsite and available to plant personnel.
2. **Compliance Schedules:** NOT APPLICABLE
3. **Laboratory:** NOT EVALUATED
4. **Sampling:** OUT OF COMPLIANCE
   4.1. Observation: The composite sampler was being maintained below 6 degrees Celsius during sampling.
   Additional Comments: The ISCO 3710 influent sampler was at 3°C.
   The ISCO 3710 effluent sampler was maintained at 1.5°C.
   4.2. Observation: Please see specific comment.
   Additional Comments: Both the influent and the effluent sampling lines appeared to be in good condition and free of dips.
   4.3. Observation: Please see specific comment.
   Additional Comments: pH standards do not expire until November 2009.
   The TRC meter and gels were last verified July 31, 2008.
   4.4. Observation: Calibrations were performed correctly.
   Additional Comments: pH and TRC calibrations were performed correctly and logged on daily sheets.
   4.5. Observation: **Samples were not being collected in accordance with the permit.**
   Additional Comments: The permit specifies that pH be continuously monitored and samples collected by meter. DMRs indicate that the samples are being collected by grab. Monitoring results reported on Part B confirm this as the daily minimum and maximum almost always match.
5. **Records and Reports:** OUT OF COMPLIANCE
   5.1. Observation: All required documents and reports were available at the plant.
   5.2. Observation: Operators' certification(s) were current and available on-site.
   5.3. Observation: Records were well organized.
   5.4. Observation: **There were several transcription errors found in the Discharge Monitoring Reports.**
   Additional Comments: 2/07 (TRC: 1.2 A, 1.0 B), 8/07 (pH max: 7.6 A, 7.5 B), 10/07 (TRC: 4.57 A, 1.2 B), 11/07 (TSS Mo. Avg.: 1.0 A, 2.25 B), 12/07 (TSS Mo. Avg.: 1.0 A, 5.3 B), 1/08 (pH min.: 7.3 A, 7.2 B), 6/08 (CBOD Mo. Avg.: 9.1 A, 8.23 B), 7/08 (Nitrate: 1.93 A, 2.5 B)

7. **Flow Measurement:** IN COMPLIANCE

7.1. Observation: The copy of the flow calibration report is current.

Additional Comments: Influent flow meter calibration: 11/5/07.

Effluent flow meter calibration: 8/29/08.

8. **Operation and Maintenance:** IN COMPLIANCE

8.1. Observation: The operator is performing treatment plant operation and maintenance duties in a responsible and professional manner.

8.2. Observation: The facility was operated and maintained in accordance with the description in the Permit.

9. **Effluent Quality:** IN COMPLIANCE

9.1. Observation: Discharge monitoring reports reviewed during the inspection revealed no effluent violations deficiencies.

Additional Comments: DMR Review Period: February 2007 – July 2008.

10. **Effluent Disposal:** IN COMPLIANCE

10.1. Observation: The percolation/evaporation ponds appeared to be well maintained.

Additional Comments: At inspection the western RIB was loading and the eastern resting.

11. **Residuals/Sludge:** IN COMPLIANCE

11.1. Observation: No Problems or deficiencies were observed/identified.

12. **Groundwater Quality:** OUT OF COMPLIANCE

12.1. Observation: **A review of ground water files for this facility indicates the following deficiencies:**

Additional Comments: The Department has not received the ground water monitoring reports for the first quarter of 2006 and second quarter of 2007. Submit these reports as soon as possible.

Depth to water measurements were reported instead of ground water elevations for all well locations for the second, third and fourth quarters of 2006, first, third and fourth quarters of 2007 and first and third quarters of 2008. This deficiency has been noted in two or more previous non-compliance letters. Submit a summary table containing the ground water elevations for all quarters of 2006, 2007 and 2008 as soon as possible.

Piezometer elevation data was not submitted on the forms for piezometers PZ-1, PZ-2, PZ-3 and PZ-4 for the first, second, third and fourth quarters of 2007 and first, second and third quarters of 2008. Complete the forms and submit this information as soon as possible.

Nitrate concentrations were reported above the primary standard of 10 milligrams per Liter (mg/L) in the ground water samples from compliance well MW-1 for the fourth quarter of 2006, first quarter of 2007 and first and third quarters of 2008. Determine the cause of these concentrations and provide the conclusion to the Department with a plan to reduce the concentrations to below the primary standard.

Nitrate concentrations were reported above the primary standard of 10 mg/L in the ground water samples from compliance well MW-3 for the first and third quarters of 2008. Determine the cause of these concentrations and provide the conclusion to the Department with a plan to reduce the concentrations to below the primary standard.

5.5. Observation: **A review of the Discharge Monitoring Reports revealed the following.**

Additional Comments: Fecal Coliform 90% was not reported on DMRs for: May 2007 – July 2008.

% Capacity was calculated incorrectly on DMRs from February 2007 – July 2008. This was noted on the last inspection report.

3 month average daily flow calculation produced inconsistent results. Double checking calculations found the reported value was occasionally correct; however, most of the time the reported value could not be verified by calculations based on data submitted on previous DMRs. The reported value varied by as much as 33,000 gallons from the recalculated result.

Units, frequency of analysis, number of exceedances, and sample type were not reported on the DMRs for the entire review period.

5.6. Observation: **Monitoring results were not submitted on the proper Discharge Monitoring Report form.**

Additional Comments: pH sample type has been altered on the submitted DMRs from "meter" to "grab".

6. **Facility Site Review:** IN COMPLIANCE

6.1. Observation: *General* - The facility grounds were clean and well maintained.

6.2. Observation: *General* - The facility grounds were secured properly.

6.3. Observation: ***Headworks*** **- Please see specific comment.**

Additional Comments: The screenings dumpster is walled on three sides and bermed at the front. Water and flies were noted outside of the walled/bermed area during inspection, leachate may be seeping under the berm.

6.4. Observation: *Alternate Power* - The onsite generator is tested under load on a routine basis.

Additional Comments: Full load tests are conducted once a week for an hour.

6.5. Observation: *Aeration* - The contents in the aeration chambers appeared to be adequately mixed.

Additional Comments: Both plants had excellent air and very little foam.

6.6. Observation: *Blowers/Motors* - No Problems or deficiencies were observed/identified.

Additional Comments: Both sets of blowers/motors were fully operational at inspection. Blowers are manually rotated.

6.7. Observation: *Clarifiers* - The clarifier had good settling and clear effluent.

Additional Comments: The west clarifier had a few small pop-ups and some ashing but looked good overall. 6-9 feet of visibility below the surface.

The east clarifier had even fewer pop-ups and 4-6 feet of visibility.

6.8. Observation: *Clarifiers* - Please see specific comment.

Additional Comments: Weirs in both plants appeared to be level.

Both clarifier arms reached to the edge with no gapping during the sweep.

6.9. Observation: *Digestors* - No Problems or deficiencies were observed/identified.

Additional Comments: Both digestors were well aerated with good color and thick consistency.

6.10. Observation: ***Disinfection*** **- There was an accumulation of solids in the chlorine contact chamber.**

Additional Comments: Solids were visible on the bottom of all contact chambers. The operator stated it had been over a year since they were cleaned out.

6.11. Observation: ***Disinfection*** **- Please see specific comment.**

Additional Comments: A small pocket of pop-ups was noted in the south contact chamber.

6.12. Observation: *Disinfection* - Please see specific comment.

Additional Comments: The water in the contact chambers was clear to the bottom. No solids or floatables were noted leaving the plant.

SOUTHLAKE UTILITIES
Incorporated
16554 Cagan Crossings Boulevard, Suite 2
Clermont, Florida 34714
Phone No. (352) 394-8898 Fax No. (352) 394-8894

November 4, 2008

Mr. Daniel K. Hall
Department of Environmental Protection
Wastewater Compliance/Enforcement
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Re: Lake County - DW
Southlake WWTF
Wastewater Facility – Permit FLA010634
Noncompliance Letter

Dear Mr. Hall:

This letter is in response to your letter dated October 23, 2008 regarding the following deficiencies;

1. A single grab PH sample was being collected and reported on the Discharge Monitoring Reports (DMRs) instead of the continuous monitored meter result. The permit states that the PH be continually monitored and the result reported based on the meter readings.

(A) Attached is a copy of the approval by Denise Judy dated 6/27/07 for hourly monitoring. (Attachment No. 1)

2. A review of the DMRs from February 2007 to July 2008 indicates that fecal coliform 90% is not being reported.

(A) In conversation with Daniel Hall of FDEP, SLU is not required to report the 9th value, however it is required to report the following values; (4 x 0.9 = 3.6, rounded to 4 and report 4th result) or (5 x 0.9 = 5, rounded to 5 and report 5th result). This will be completed monthly.

3. There was a build-up of solids in the chlorine contact chambers.

(A) At the date of the inspection, SLU was seeking bids to have a contractor clean the chambers. The chambers were cleaned the week of September 9th.

4. The percent capacity was calculated and reported incorrectly on the DMRs for February 2007 to July 2008. For the percent capacity, divide the three month average daily flow by the permitted flow capacity and multiply by 100.

(A) An Excel spreadsheet has been set up for auto calculations based on entered data.

5. The 3 Month Average Daily Flow was not calculated or reported correctly on Part A of the DMRs. The 3 Month Average Daily Flow should be calculated by adding the current monthly average daily flow to the last two (2) monthly daily flows and dividing the sum by 3. The value is then entered in the column of the DMRs.

(A) An Excel spreadsheet has been set up for auto calculations based on entered data.

6. On many occasions, various values were reported incorrectly on Part A of the DMRs for February 2007 through July 2008. Please see the inspection report for details. It is important to report all data carefully and accurately as specified on the DMRs.

(A) This is noted and will be rectified.

7. Part A of the Discharge Monitoring Reports (DMRs) is not being filled out completely. All of the blocks above the shaded areas containing monitoring instructions including sample measurements, units, frequency of analysis, sample type, number of exceedances (No. Ex), average, maximum, and minimum must be completed.

(A) This is noted and will be rectified.

8. The self-monitoring results are being submitted to the Department on a revised DMR form. Please see the inspection report for details.

(A) See Attachment No. 1.

9. A review of the ground water files for the facility indicates the follows deficiencies;

(a). The Department has not received the ground water monitoring reports for the first quarter of 2006 and second quarter of 2007. Submit these results as soon as possible.

(A) Requested copies are enclosed.

(b) Depth to water measurements;
(c) Piezometer elevation data;
(d) Nitrate concentrations;
(e) Nitrate concentrations;

(A) Sub-paragraph items (b) through (e) are being reviewed and investigated by our consulting Geotechnical Engineer, Devo Seereeram, Ph.D., P.E. and these items will be responded to under separate cover when completed. (See attached copy of e-mail from Devo Seereeram)

If you need additional information, please call me at (352) 394-8898.

Sincerely,

Kim Kitchen

Copy: Jeff Cagan
Angel DeLeon
File

FIG

ATTACHMENT No. 1

SOUTHLAKE UTILITIES
16554 Crossings Boulevard, Suite 2
Clermont, Florida 34714
Phone No (352) 394-8898 Fax No. (352) 394-8894

June 27, 2007

Dennise Judy, Program Manager
Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

RE: Southlake Utilities, Inc. WWTF

Permit Number: FLA010634

Attention: Ms. Dennise Judy

Dear Ms. Judy,

I am writing this letter in response to your email to Kiera on our request for waiver from continuous monitoring of pH and chlorine residuals at the wastewater treatment facility.

The operator attends the plant six hours per day five days a week and weekend visits as per permit. During the period of operation, we will collect and analyze hourly grab samples for both pH and Chlorine residuals. We will implement this new monitoring schedule effective July 1, 2007. A notirig to this effect will be made in the monthly DMR for the month of July 2007. Continuous monitoring of pH and chlorine will be implemented when public access reuse is established at the facility.

Sincerely,

M.Sambamurthi, P.E.

Consulting Engineer
Southlake Utilities, Inc.

DEP DOMESTIC WASTE SEC.
PROJECT Southlake WWTF
hourly monitoring approval
PERMIT FLA010634
BY [illegible] DATE 6/27/07
RECEIPT ACKNOWLEDGED

cc: WW GE Section

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

CERTIFIED MAIL
7003 1680 0001 8879 7702

May 11, 2005

SOUTHLAKE UTILITIES INC
6554 CROSSING BOULEVARD
CLERMONT FL 34711

OCD-C-WW-05-0478

ATTENTION JEFFREY CAGAN
PRESIDENT

Lake County - DW
Southlake Utilities WWTF
Wastewater Facility - Permit No. FLA010634
Noncompliance Letter

Dear Mr. Cagan:

On February 10, 2005, you were forwarded a noncompliance letter listing certain deficiencies that were found during a routine inspection on January 19, 2005. A copy of the noncompliance letter is enclosed.

You were requested to respond, in writing, within 14 days of the date of the letter with a schedule of action(s) to correct the deficiencies noted. As of this date, no reply has been received.

In order to avoid enforcement action, you are requested to respond within 7 days from receipt of this letter as to your intentions in correcting the deficiencies noted in the noncompliance letter.

Sincerely,

Gary P. Miller
Program Manager
Wastewater Compliance/Enforcement

GM/pf/ww

Enclosure: Noncompliance Letter No. OCD-C-WW-05-0137
cc: Lake County Water Resource Management , scatasus@co.lake.fl.us
Anil Desai, Program Manager, Ground Water Section, anil.desai@dep.state.fl.us

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

SENT VIA E-MAIL TO: Jeff@cagan.com

February 10, 2005

SOUTHLAKE UTILITIES INC
6554 CROSSING BOULEVARD
CLERMONT FL 34711

OCD-C-WW-05-0137

ATTENTION JEFFREY CAGAN
PRESIDENT

Lake County - DW
Southlake Utilities WWTF
Wastewater Facility - Permit No. FLA010634
Noncompliance Letter

Dear Mr. Cagan:

On January 19, 2005, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. Samples in the influent flow proportioned composite sampler were not maintained at 4 degrees Celsius.
2. The effluent sample pickup tubing had a loops and coils, which may prevent a complete purge.
3. At the time of the inspection, the Total Residual Chlorine (TRC) was 0.22 milligrams per Liter (mg/L), which is less than the minimum of 0.5 mg/L as required.
4. The Total Suspended Solids (TSS) result reported on the DMR for March and April 2003 were 141 and 113 mg/L, which exceeded the maximum limit of 60 mg/L for any one sample.
5. A review of ground water files for this facility indicates the following deficiencies:
   a. A current certification form containing the quality assurance section was not submitted with the ground water monitoring report for the first quarter of 2005. The correct form was submitted with previous reports. Please submit the correct form with the reports in the future.

b. No ground water monitoring report forms with elevation data were submitted for piezometers PZ-1 through PZ-4 for all quarters of data reviewed. Please submit the missing data and submit the reports for these locations with future submittals.

c. Depth to water instead of ground water elevations were reported for all quarters of data reviewed. This has been a historical problem at this facility, discussed in several non-compliance letters. Please calculate and record the ground water elevations for all wells and submit revised reports to the Department. The Department will no longer accept reports with depth to water reported. The reports will be returned to the facility for correction.

d. Nitrate concentrations were reported above the primary standard of 10 mg/L for ground water samples from compliance well MW-3 at 11.64 milligrams per Liter for the first quarter of 2005. Please investigate the cause of the elevated concentrations and report the results of the investigation to the Department.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Ground water questions should be directed to Marsha Johnson at (407) 893-3301. Your reply is requested within 14 days from the date of this letter. Your reply and any other questions should be addressed to Patrick Farris at (407) 893-3313.

Sincerely,

Gary P. Miller
Program Manager
Wastewater Compliance/Enforcement

GM/pf/ww
Enclosures: Inspection Report
Wastewater Compliance Information Flyer
cc: Lake County Water Resource Management, scatasus@co.lake.fl.us
Anil Desai, Program Manager, Ground Water Section, anil.desai@dep.state.fl.us

COMET ENTRY DATE
02/07/05

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Southlake Utilities WWTF	FLA010634	Lake	1/19/05
South US Highway 27		Phone	@ Exit Date/Time
Clermont FL			

Name(s) of Field Representatives(s)	Title	Phone
Angel Deleon	Operator	
Eddy Garcia	Operations Manager	

Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Jeffrey Cagan	President	(352) 394-8898	Angel Deleon C-13887
Southlake Utilities, Inc.			
6554 Crossing Boulevard	E-mail	Fax	
Clermont FL 34711	Jeff@cagan.com		

Inspection Type: C | E | I — Samples Taken(Y/N): Yes — @ Sample ID#: TL1, TL2, TL3, TL4 — Samples Split (Y/N): N

☒ Domestic ☐ Industrial — Were Photos Taken(Y/N): Y — @ Log book Volume : 3 — @ Page 147

FACILITY COMPLIANCE AREAS EVALUATED

IC = In Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE or Blank = Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF-MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT DISPOSAL
IC	1.♦ Permit	NE	3. Laboratory	IC	6. Facility Site Review	NC	9. ♦Effluent Quality
NA	2.♦ Compliance Schedules	NC	4. Sampling	IC	7. Flow Measurement	IC	10.♦Effluent Disposal
		NC	5.♦ Records & Reports	NC	8.♦Operation & Maintenance	IC	11. Residuals/Sludge
	13. Other:					NC	12. Groundwater

Facility and/or Order Compliance Status: ☐ In-Compliance ☒ Out-Of-Compliance ☐ Significant-Out-Of-Compliance

Recommended Actions: Noncompliance Letter

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Patrick Farris *Patrick Farris*	Central District 407-893-3313	2/7/05
@ Signature of Reviewer	District Office/Phone Number	Date
Kalina Warren *KWarren*	Central District 407-893-3313	02/08/05

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)

Transaction Code		NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N	5			1	2	3

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1): A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI
Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local Program
Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Federal
Every other field is self-explanatory

Revised: May 26, 2004

INSPECTION COMMENTS

An existing 0.300 mgd annual average daily flow (AADF) permitted capacity re-rated to 0.600 MGD AADF extended aeration activated sludge domestic wastewater treatment plant consisting of influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals.

1. Permit: **In Compliance**
   - Permit number FLA010634 will expire on November 1, 2006.
   - A copy of the permit was available on-site.

2. Compliance Schedules: **Not Applicable**
   - Not applicable.

3. Laboratory: **Not Evaluated**
   - The facility uses Tri Tech Laboratory. The lab was not evaluated.

4. Sampling: **Out of Compliance**
   - Influent and effluent composite samplers.
   - Sampling day of inspection, sampling event was done before inspection began.
     - Influent Sampler:
       - **Thermometer read –1° C,** sample was not frozen. Sample temperature should be 0-4° C.
       - Tygon tubing, coiled by sampler.
     - Effluent Sampler:
       - Thermometer read 1° C,
       - **Black tubing is used,** placed in effluent outfall.
       - **Black tubing had coils that would allow water to stand in tubing and prohibit complete purging.**
   - Notes in logbook state: sampler temperature had been turned down on 1/15/05 to get temp. in correct range. On 1/16/05 sampler was at 4° C and on 1/18/05 sampler was set up to collect samples.
   - Tri Tech Laboratory picked up the samples and placed them in a cooler on ice.

5. Records And Reports: **Out of Compliance**
   - Bound and numbered logbook was on site with notes on operation and maintenance performed on plant.
   - A copy of the operation and maintenance manual was on-site.
   - A copy of the license for each certified operator that services this facility was on-site.
   - A copy of the laboratory certification was on-site.
   - DMRs were reviewed from March 2003 to August 2004.
   - **Percent Capacity (TMADF) was exceeded on the DMRs for March 2003 reported at 148%, April 2003 reported at 151%, May 2004 reported at 155%, June 2003 reported at 156% and August 2004 reported at 106%.** *Plant is under expansion to correct for high flows.*
   - **Nitrate, Influent $CBOD_5$, Influent TSS were not reported on Part A of the DMR for August 2004.**

6. Facility Site Review: **In Compliance**
   - *Access:* Fenced and gated
   - *Physical Plant:* **The plant being used had tanks bulging.** Mr. Garcia said that when the second plant was finished, the first plant was going to be rebuilt. Contractors were working on the second plant.
   - *Headworks:* The surge tank was taken out of service to be used as a digester.
   - *Aeration:* Good

- *Mixed Liquor:* Light brown, no odor, light foam
- *Clarifier:* Stilling well is ok, **foam and ash on surface,** skimmer is on, **only one skimmer arm is connected,** weir is clean, water over weir is clear
- *Chlorine Contact Chamber:* Could not evaluate, a 15,000 gallon drinking water tank is currently being used as the CCC while the new CCC is built. Due to the tank being a closed tank, it is impossible to inspect the inside. The tank most likely does not have baffles, which would allow for short-circuiting and therefore would lack the 15 minute contact time at peak flow.
- *Chlorination Method:* Gas Chlorine, gas cylinders were roped to a pine tree on-site. The chlorine shed was locked, but had the fan running.
- *Digester:* Storage available
- *Backflow Prevention:* Well water used.

7. Flow Measurement: **In Compliance**
   - Flow meter was calibrated.

8. Operation And Maintenance: **Out of Compliance**
   - A certified operator was on-site as required by the permit.

9. Effluent Quality: **Out of Compliance**
   - DMRs were reviewed from March 2003 to August 2004.
   - Grab samples were taken at the time of the inspection:
     - **TRC was 0.22mg/L.**
     - pH was7.5 SU.
     - TSS was 6.5.
     - $CBOD_5$ was 2.7.
     - Fecal coliform 420 fcc/100mL.
     - Nitrate was 1.3mg/L.
   - **The TSS result reported on the DMR for March 2003 was 141 mg/L which exceeded the maximum limit of 60 mg/L for any one sample.**
   - **The TSS result reported on the DMR for April 2003 was 113 mg/L which exceeded the maximum limit of 60 mg/L for any one sample.**

10. Effluent Disposal Method: **In Compliance**
    - Method of effluent disposal is to two percolation ponds.
    - The vegetation on the berms was well maintained and the bottom was scarified.
    - One percolation pond berm has been broken, this is allowed in the permit to allot for expansion. A third pond will be constructed.

11. Residuals Management: **In Compliance**
    - Agreement with Shelly's Septic Tanks RMF.
    - Synagro thickens the sludge, then Shelly's hauls.

12. Ground Water: **Out of Compliance**
    - **A review of ground water files for this facility indicates the following deficiencies:**
      - **A current certification form containing the quality assurance section was not submitted with the ground water monitoring report for the first quarter of 2005. The correct form was submitted with previous reports. Please submit the correct form with the reports in the future.**

- **No ground water monitoring report forms with elevation data were submitted for piezometers PZ-1 through PZ-4 for all quarters of data reviewed. Please submit the missing data and submit the reports for these locations with future submittals.**
- **Depth to water instead of ground water elevations were reported for all quarters of data reviewed. This has been a historical problem at this facility, discussed in several non-compliance letters. Please calculate and record the ground water elevations for all wells and submit revised reports to the Department. The Department will no longer accept reports with depth to water reported. The reports will be returned to the facility for correction immediately.**
- **Nitrate concentrations were reported above the primary standard of 10 mg/L for ground water samples from compliance well MW-3 at 11.64 milligrams per Liter for the first quarter of 2005. Please investigate the cause of the elevated concentrations and report the results of the investigation to the Department.**

File

SOUTHLAKE UTILITIES Incorporated
16554 Crossings Boulevard, Suite 2
Clermont, Florida 34711
Phone No (352) 394-8898 Fax No. (352) 394-8894

May 27, 2005

Patrick Farris
Wastewater Compliance/Enforcement
Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Fl 32803-3767

Sub: Southlake Utilities WWTF
Wastewater Facility – Permit No. FLA010634

Ref: Letter OCD - C – WW – 05 – 0137 dated February 10, 2005

Dear Mr. Farris:

This letter is in response to the above referenced letter from Mr. Gary P. Miller, Program Manager, and Wastewater Compliance/Enforcement following a facility inspection by you on January 19, 2005.

I am responding to the deficiencies in the order they were presented in the above referenced letter.

Deficiency # 1:

New thermometers were installed and the temperature settings were reset to 4 degrees Celsius.

Deficiency # 2:

This deficiency is corrected.

Deficiency # 3:

We had problems with the diaphragm pumps in the chlorination equipment, which has since been corrected.

Deficiency # 4:

The plant is undergoing a major expansion to accommodate increased flows at the plant. The excess solids could be the result of carryover of solids. However, we will investigate the problem and will respond to you after we have researched the plant operation during this period.

Deficiency # 5:

In order to better satisfy the departments requirements, we have retained Devo Engineering to develop and submit the information required by the department directly to them. I am sending a copy of the letter referenced above to Devo Engineering for compliance with FDEP requirements.

5 (d). We do not know the reasons for the elevation in nitrate concentration. Our guess at the present time is the plant functioning. We believe that this is an isolated instance and will resolve itself after the plant upgrade, expansion is completed, and the operation of the plant is stable.

Thank you.

Sincerely,

M. Sambamurthi, P.E

cc. HARSHA JOHNSON

Southeast Utilities Inc.
174A Semoran Commerce Place, Suite 104, Apopka, FL 32703
407-889-9755
Fax: 407-889-0266

August 4, 2003

Attn: Sam
Southlake Utilities
Fax: 352-394-8894

Dear Sam,

The following are responses to deficiencies listed in FDEP's letter of 7/23/03:

1. New thermometers have been ordered. We expect delivery in 7-10 days.
2. We are no longer using Bottorf Laboratory. We are now using Tri-Tech Labs., Inc. and are receiving better results.
3. We will start using the correct form for the July 2003 DMR.
7. The chart recorder will be repaired the week of August 4, 2003.
9. b) Tri-Tech Labs, Inc. will respond to this item.

The items not listed will require your response.

Sincerely,

Richard W. Polt
Sr. Vice President

RWP:mp

Volume 3G

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

September 9, 2002

SENT BY E-MAIL
jeff@cagan.com

Southlake Utilities, Inc.
16554 Crossings Boulevard, Suite 2
Clermont, FL 34711

Attention: Jeffrey Cagan, President

Lake County - PW
Southlake Utilities
Water Treatment Plant Modifications

Dear Mr. Cagan:

This acknowledges receipt of certification that the subject water treatment plant modifications has been completed in accordance with the plans and related materials permitted by this agency on Permit Number WC35-0080599-026 dated December 21, 2001 and that the system has passed the pressure and bacteriological tests that were conducted in accordance with the AWWA Standards.

Based on this certification and satisfactory bacteriological results, we are clearing the plant modifications for service.

The maximum day rating is now 2.916 MGD. This will now require a minimum class C or higher certified water plant operator on site for 5 visits per week and one visit each weekend.

The auxiliary generator with automatic startup was not installed as approved in the permit. In addition, the project engineer of record has indicated that the project is relying on electrical service from multiple sources (FPC, TECO, and FP&L). Therefore, it will be necessary to provide documentation from both the project engineer and the referenced power companies that both wells and high service pumps are connected to at least two independent power feeds from separate substations. This information is required within thirty 30 days.

The responsibility for the microbiological quality of the water at the time it ultimately reaches the consumer's meter remains entirely with the utility and/or the owner/operator of the system who should ensure that this quality remains as represented by the bacteriological test results presented. This letter of clearance does not preclude the need for obtaining acceptance by other entities as may be required.

Sincerely,

Richard S. Lott, P.G., P.E.
Manager, Drinking Water Program

RSL:kk:mn

cc: Ronald H. Wilson, P.E. [rhwengr@intellistar.net]
Doug Conway, Lake County Capital Projects Manager [dconway@co.lake.fl.us]
DEP Compliance/Enforcement

Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Southlake Utilities, Inc

RESPONSIBLE AUTHORITY:

Mr. Jeffrey Cagan
President
16554 Cagan Crossings Blvd Suite 2
Clermont, FL 34714

(352) 394-8898

PERMIT NUMBER:	FLA010634
PA FILE NUMBER:	FLA010634-006-DW1P
ISSUANCE DATE:	April 19, 2007
EXPIRATION DATE:	April 15, 2012

FACILITY:

Southlake Utilities WWTF
U.S. Highway 27 South
Clermont, FL
Lake County
Latitude: 28° 21' 07" N Longitude: 81° 40' 42" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 1.5 mgd annual average daily flow (AADF) design capacity extended aeration activated sludge domestic wastewater treatment plant consisting of flow equalization, influent screening, aeration, secondary clarification, chlorination and aerobic digestion of residuals. **The permitted capacity is limited to 1.15 MGD AADF, the capacity of the RIBs.**

REUSE

Land Application: An existing 1.15 MGD AADF permitted capacity rapid infiltration basin system (RIBs, R-001). R-001 consists of two RIBs with a total wetted area of 4.71 acres located approximately at latitude 28° 21' 07" N, longitude 81° 40' 42" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 15 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	1.15	-	-	-	Continuous	Recording flow meters and totalizers	FLW-1	See Cond. I.A.3.
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	20.0	30.0	45.0	60.0	Weekly	8-hour flow proportioned composite	EFA-1	
Solids, Total Suspended	MG/L	Maximum	20.0	30.0	45.0	60.0	Weekly	8-hour flow proportioned composite	EFA-1	
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	meter	EFA-1	
Coliform, Fecal	#/100 ML	Maximum	See Permit Condition I.A.4.				Weekly	Grab	EFA-1	
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	0.5	Continuous	meter	EFA-1	See Cond. I.A.5.
Nitrogen, Nitrate, Total (as N)	MG/L	Maximum	-	-	-	12.0	Weekly	8-hour flow proportioned composite	EFA-1	See. Cond. I.A.6.

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-1	Chlorine contact chamber effluent
FLW-1	Effluent flow meter

3. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*

4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.510 and 62-600.440(4)(c)]*

5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510 and 62-600.440(4)(b)]*

6. Nitrate nitrogen (NO_3) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. *[62-610.510]*

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7:

			Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	-	Report	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond. I.B.3.
Solids, Total Suspended	MG/L	Maximum	-	Report	-	-	Weekly	8-hour flow proportioned composite	INF-1	See Cond. I.B.3.
Percent Capacity, (TMADF/Permitted Capacity) x 100	PER CENT	Maximum	-	Report	-	-	Monthly	Calculated	FLW-1	
Flow	MGD	Maximum	1.15	-	-	-	Continuous	Recording flow meters and totalizers	FLW-1	See Cond. I.B.4.

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

Monitoring Location Site Number	Description of Monitoring Location
FLW-1	Effluent flow meter
INF-1	Raw influent to surge tank

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. *[62-601.500(4)]*

4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*

5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. *[62-620.320(6)]*

6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. *[62-601.500(5)]*

7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type	Monitoring Period	Due Date
Monthly or Toxicity	first day of month – last day of month	28th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 10 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

8. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department's Central District Office annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department's Central District Office by June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(i), F.A.C., shall be used for

the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-601.300(4)][62-601.500(3)][62-610.300(4)]*

9. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*

10. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, Lake County Water Resource Management and the Department's Central District Office at the address specified below:

Central District Office
3319 Maguire Boulevard Suite 232
Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
FAX Number - (407) 897-2966
All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Residual Management Facility or disposal in a Class I or II solid waste landfill.

2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*

3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5)]*

4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3 & 4]*

5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

Source Facility
1. Date and Time Shipped
2. Amount of Residuals Shipped
3. Degree of Treatment (if applicable)
4. Name and ID Number of Residuals Management Facility or Treatment Facility
5. Signature of Responsible Party at Source Facility
6. Signature of Hauler and Name of Hauling Firm

Residuals Management Facility or Treatment Facility
1. Date and Time Received
2. Amount of Residuals Received
3. Name and ID Number of Source Facility
4. Signature of Hauler
5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of

discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. *[62-640.880(4)]*

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4)]*

III. GROUND WATER REQUIREMENTS

Construction Requirements

Section Construction Requirements is not applicable to this facility.

Operational Requirements

1. For the Part IV land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. *[62-520.200(23)][62-522.400 and 62-522.410]*

2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*

3. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. *[62-522.600][62-610.510,]*

4. The following monitoring wells shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.5. for Reuse System R-001. Quarterly sampling must be reasonably spaced to be representative of potentially changing conditions.

Facility Well Name	Permit Builder Well ID	WAFR #	GMS #	Depth (Feet)	Aquifer Monitored	New or Existing
Pond Site						
MW-1	MWC-1	4213	3035A16750	23	Surficial	Existing
MW-2	MWC-2	4212	3035A16751	23	Surficial	Existing
MW-3	MWC-3	4211	3035A16752	23	Surficial	Existing
MW-4	MWC-4	4210	3035A17263	23	Surficial	Existing
MW-5	MWB-5	4209	3035A17264	13	Surficial	Existing
PZ-1	MWP-1	4208	3035A17265	18.9	Surficial	Existing
PZ-2	MWP-2	4207	3035A17266	18.9	Surficial	Existing
PZ-3	MWP-3	4206	3035A17267	18.9	Surficial	Existing
PZ-4	MWP-4	4205	3035A17268	18.9	Surficial	Existing

MWB = Background; MWC = Compliance; MWP = Piezometer

[62-522.600][62-610.510(3)]

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III. 4:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	Feet	In-situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100ml	Grab	Quarterly
pH	6.0 to 8.5	SU	In-situ	Quarterly
Turbidity	Report	NTU	Grab	Quarterly

For piezometers, monitoring and reporting is required only for water level information.

[62-522.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601][62-601.300(6)] [62-520.300(9)]

6. If the concentration for any constituent listed in Permit Condition III. 5. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. *[62-520.420(2)]*

7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. *[62-610.510(3)(b),]*

8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. *[62-601.700(5)]*

9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District Ground Water Section as being more representative of ground water conditions. *[62-520.300(9)]*

10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. *[62-620.610(18)]*

11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). A completed Certification Page shall accompany each quarter of monitoring data. For reuse or land application projects, results shall be submitted with the DMR for each month listed in the following schedule. The submitted results shall be for each year during the period of operation allowed by this permit in accordance with Permit Condition I.B.7. *[62-522.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]*

SAMPLE PERIOD	REPORT DUE DATE
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

12. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Central District Ground Water Section immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Central District Ground Water Section. *[62-522.600][62-4.070(3)]*

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*

2. The annual average hydraulic loading rate to the Two RIBs with a total wetted area of 4.71 acres shall be limited to a maximum of 9 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*

3. The Two RIBs with a total wetted area of 4.71 acres normally shall be loaded for 7 days and shall be rested for 14 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4)]*

4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*

5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*

6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

   A Class C or higher operator 6 hours/day for 5 days/week and one visit on each weekend day. The lead operator must be a Class C operator, or higher.

   [62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*

3. An updated capacity analysis report shall be submitted to the Department annually by November 1 of each year. The updated capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*

4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by the permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

   d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

   e. A copy of the current permit;

   f. A copy of the current operation and maintenance manual as required by Chapter 62-600,. F.A.C.;

   g. A copy of the facility record drawings;

   h. Copies of the licenses of the current certified operators; and

   i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The

logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

Section VI is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. *[62-620.335(1)-(4)]*

2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-610.850(1)(a) and (2)(a)]*

3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*

4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*

5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*

6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):

   a. Which may cause fire or explosion hazards; or

   b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or

   c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or

   d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or

   e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems.

   [62-604.130(5)]

7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1)] [and 62-600.400(2)(b)]*

8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*

9. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. *[62-4.070(3)]*

10. The permittee shall provide adequate notice to the Department of the following:

    a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and

    b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

    Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

    [62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.

    [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

a. The following shall be included as information which must be reported within 24 hours under this condition:

1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,

2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,

3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and

4. Any unauthorized discharge to surface or ground waters.

b. Oral reports as required by this subsection shall be provided as follows:

1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:

a) Name, address, and telephone number of person reporting;

b) Name, address, and telephone number of permittee or responsible person for the discharge;

c) Date and time of the discharge and status of discharge (ongoing or ceased);

d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);

e) Estimated amount of the discharge;

f) Location or address of the discharge;

g) Source and cause of the discharge;

h) Whether the discharge was contained on-site, and cleanup actions taken to date;

i) Description of area affected by the discharge, including name of water body affected, if any; and

j) Other persons or agencies contacted.

2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.

c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncomp liance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:

1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.

b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.

d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

1. An upset occurred and that the permittee can identify the cause(s) of the upset;

2. The permitted facility was at the time being properly operated;

3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and

4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Christianne C. Ferraro

Christianne C. Ferraro, P.E.
Program Administrator
Water Facilities

Date: April 19, 2007

Volume 3H

SOUTHLAKE UTILITIES, INC.

Full Time Employee	Duties / Responsibilities		Certificates Held	Wage Allocation
Kimberly Kitchen	Water Conservation Compliance Coordinator Accounts Payable and Receivable Customer Service		N/A	Expense Only
James McCloskey	Water Conservation Field Representative Backflow Prevention Coordinator Customer Service	1 2 3	Back Flow Tester Training Certification Back Flow Assembly Repair & Maint. Technician Water Treatment Plant Operator (I) CEU Program	Expense Only
Eduardo Garcia	Water Treatment Plant Operator Wastewater Treatment Plant Operator Field Operations Supervisor	1 2	Water Treatment Plant Operator - State of Florida License No. 0013538, Class "C" Wastewater Treatment Plant Operator - State of Florida License No. 0014360, Class "C"	Expense Only
Angel DeLeon	Wastewater Treatment Plant Operator Water Treatment Plant Operator	1 2 3	Technological Institute Of Puerto Rico Associate Degree, Chemistry Technology Wastewater Treatment Plant Operator - State of Florida License No. 0013887, Class "C" Water Treatment Plant Operator - State of Florida License No. 0015281, Class "C"	Expense Only
Part Time Employee				
Juan Jimenez	Meter Reader General Maintenance		N/A	Expense Only

SOUTHLAKE UTILITIES
Incorporated
16554 Cagan Crossings Blvd., Suite 2
Clermont, Florida 34714

There are no company vehicles.

Employees are reimbursed for mileage.

Volume 3J

SOUTHLAKE UTILITIES
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Clermont, Florida 34714

There is no formal complaint log kept.

There were no PSC complaints in the year 2007.