

EXECUTIVE SUMMARY - ENFORCEMENT MATTER

DOCKET NO.: 2003-0639-PWS-E **TCEQ ID:** Certificate of Convenience & Necessity ("CCN") No. 10147; RN101181378, RN101192516, RN101186112, RN101283323, RN101202109, RN101190536, RN101188878, RN101239333, RN101253136, RN101456952, RN101454866, RN103129342, RN101269694, RN101272292, RN101242006, RN101259539, RN102693454, RN101201960, RN101199776, RN101264596, RN101243103, RN101280790, RN101454106, RN101285484, RN101263226 **CASE NO.:** 343

RESPONDENT NAME: Lake Livingston Water Supply and Sewer Service Corporation

ORDER TYPE:

<input checked="" type="checkbox"/> 1660 AGREED ORDER	<input type="checkbox"/> FINDINGS AGREED ORDER	<input type="checkbox"/> AMENDED ORDER	<input type="checkbox"/> IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER
<input type="checkbox"/> SHUTDOWN ORDER	<input type="checkbox"/> FINDINGS DEFAULT ORDER	<input type="checkbox"/> EMERGENCY ORDER	

CASE TYPE:

<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> AIR	<input type="checkbox"/> INDUSTRIAL AND HAZARDOUS WASTE	<input type="checkbox"/> MUNICIPAL SOLID WASTE
<input type="checkbox"/> OCCUPATIONAL CERTIFICATION	<input type="checkbox"/> PETROLEUM STORAGE TANKS	<input checked="" type="checkbox"/> PUBLIC WATER SUPPLY	<input type="checkbox"/> RADIOACTIVE WASTE
<input type="checkbox"/> MULTI-MEDIA (check all that apply)	<input type="checkbox"/> SEWAGE SLUDGE	<input type="checkbox"/> UNDERGROUND INJECTION CONTROL	<input type="checkbox"/> USED OIL
<input type="checkbox"/> USED OIL FILTER	<input type="checkbox"/> WATER QUALITY		

SITE WHERE VIOLATION(S) OCCURRED: Polk, Hardin, San Jacinto, and Trinity Counties

TYPE OF OPERATION: Public Water Supply

SMALL BUSINESS: Yes No

OTHER SIGNIFICANT MATTERS: There are no complaints. There is no record of additional pending enforcement actions regarding this facility location.

INTERESTED PARTIES: No one other than the ED and the Respondent has expressed an interest in this matter.

COMMENTS RECEIVED: The *Texas Register* comment period expired on April 25, 2005. No comments were received.

CONTACTS AND MAILING LIST:

- TCEQ Attorney/SEP Coordinator:** None
- TCEQ Enforcement Coordinator:** Ms Audra L. Ruble, Enforcement Division, Enforcement Section IV, MCR-14, (361) 825-3126; Mr. Steven Lopez, Enforcement Division, Enforcement Section I, MC 219, (512) 239-1896
- TCEQ Field Investigator:** Ms. Heather Ross, Beaumont Regional Office, MC R-10, (409) 898-3838
- Central Office Investigator:** Ms. Alicia Diehl, Water Supply Division, Public Drinking Water Section, MC 155, (512) 239-1626
- Respondent:** Mr. Doyle LaGow, President, Board of Directors, Lake Livingston Water Supply and Sewer Service Corporation, P.O. Box 1149, Livingston, Texas 77351-1149
- Respondent's Attorney:** Not represented by counsel on this enforcement matter

VIOLATION SUMMARY CHART:

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>Type of Investigation: <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Enforcement Follow-up <input type="checkbox"/> Records Review</p> <p>Date(s) of Complaints Relating to this Case: None</p> <p>Dates of Investigations Relating to this Case: November 28, 29, 2001, December 4, 6, 19, 20, 2001, and January 3, 7, 8, 2002</p> <p>Date of NOE Relating to this Case: June 20, 2003 (NOE)</p> <p>Background Facts: Routine investigations which found several significant program violations.</p> <p>WATER</p> <p>Bass Bay / Indian Hills #1, RN101181378</p> <p>1.) Failure to provide a well capacity of 1.5 gallons per minute ("gpm") per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p>	<p>Total Assessed: \$63,456</p> <p>Total Deferred: \$12,692 <input checked="" type="checkbox"/> Expedited Settlement <input type="checkbox"/> Financial Inability to Pay</p> <p>SEP Conditional Offset: \$0</p> <p>Total Paid (Due) to General Revenue: \$1,764 (remaining \$49,000 due in 35 monthly payments of \$1,400 each)</p> <p>Site Compliance History Classification: <input type="checkbox"/> High <input type="checkbox"/> Avg. <input type="checkbox"/> Poor</p> <p>Person Compliance History Classification: <input type="checkbox"/> High <input type="checkbox"/> Avg. <input type="checkbox"/> Poor</p> <p>Major Source: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Applicable Penalty Policy: September 2002</p>	<p>Corrective Actions Taken: The Executive Director recognizes that Lake Livingston has implemented the following corrective measures at the Facilities:</p> <p>a. Submitted correspondence dated September 24, 2003 demonstrating that the violations described in Allegations 2.a. and b., 3.a., 4.a., 5.a., 6.a. through 6.f., 8.a. through 8.d., 9.d. through 9.f., 10.a. through 10.d., 11.a. and c., 12.a. through 12.d., 14.a., 15.b. and c., 16.a. through 16.d., 16.h., 17.a. and 17.b., 17.d. and 17.e., 18.a. through 18d., 19.a. through 19.c., 19.e., 20.a. through 20.e., and 20.g., 21.a., 23.a., 24.c., and 25.a. have been corrected; and</p> <p>b. Submitted correspondence dated April 4, 2004 demonstrating that the violations described in Allegations 6.g. and h., 7.b. and c., 13.a. and b., and 17.f. through 17.k. have been corrected.</p> <p>Ordering Provisions: It is further ordered that Lake Livingston shall undertake the following technical requirements:</p>
<p>2.) Beech Creek Village, PWS No. 1870141, RN101192516</p> <p>a. Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank [30 TEX. ADMIN. CODE § 290.43(c)(5)].</p> <p>b. Failure to maintain records of annual pressure tank inspections [30 TEX. ADMIN. CODE § 290.46(f)(2)].</p> <p>c. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p>		<p>a. Within 30 days after the effective date of this Agreed Order:</p> <p>i. Conduct a feasibility investigation at Crystal Lakes which will evaluate alternate water sources and viable treatment technologies to correct the gross alpha and combined radium violations. The investigation is to be repeated at three-year intervals as long as the violation exists. Within one year after the determination by either the Commission or Lake Livingston of a viable treatment option or the availability of an alternate source of supply, Lake Livingston agrees to provide water to its customers which meets the Commission's chemical quality standards. Lake Livingston shall submit a written report of the feasibility investigation;</p>

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<p>WATER</p> <p>d. Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity [30 TEX. ADMIN. CODE § 291.93(3)].</p> <p>3. Big Thicket Retreat, PWS No. 1870136, RN101283323</p> <p>a. Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)].</p> <p>b. Failure to provide a well capacity of 1.5 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>c. Failure to provide a pressure tank capacity of 50 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>4. Country Sunrise, PWS No. 1870135, RN101283323</p> <p>a. Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)].</p> <p>b. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p>		<p>ii. Provide wells 1 and 3 at Wiggins Village #2 with a casing that extends a minimum of 18 inches above the elevation of the finished floor of the pump room or natural ground surface, in accordance with 30 TEX. ADMIN. CODE § 290.41(c)(3)(B); and</p> <p>iii. Install a concrete sealing block compliant with 30 TEX. ADMIN. CODE § 290.41(c)(3)(J) around well 1 at Wiggins Village #2.</p> <p>b. Within 45 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions a.i. through a.iii.;</p> <p>c. Within 60 days after the effective date of this Agreed Order:</p> <p>i. Provide the minimum capacity requirements at Bass Bay/Indian Hills #1, Big Thicket Retreat, Country Sunrise, Crystal Lakes, Impala Woods, Lake Tejas, Northwoods, Nugents Cove Water System, Point Lookout Estates, Riverview Terrace Water System, Weavers Cove Water System, Wild Bird Country Water System, and Wilson Lake Estates Water Supply, as required by 30 TEX. ADMIN. CODE § 290.45;</p> <p>ii. For Beech Creek Village, submit a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certified area, as required by 30 TEX. ADMIN. CODE § 291.93(3); and</p> <p>iii. Plug and seal the abandoned wells at Holiday Shores No. 4, as required by 30 TEX. ADMIN. CODE § 290.46(u).</p>

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<p>WATER</p> <p>c. Failure to provide a service pump capacity of 2.0 gallons per minute per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>5. Crystal Lakes, PWS No. 1870044, RN101202109</p> <p>a. Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)].</p> <p>b. Failure to meet the maximum contaminant levels ("MCL") for gross alpha particle activity of 15 pCi/L and combined radium 226 and radium 228 of 5 pCi/L [30 TEX. ADMIN. CODE § 290.108(b)(1)].</p> <p>c. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>6. Holiday Shores No. 1-2-3, PWS No. 2040006, RN101190536</p> <p>a. Failure to consistently conduct daily chlorine residual tests throughout the distribution system [30 TEX. ADMIN. CODE § 290.110(c)(5)(B)].</p> <p>b. Failure to properly maintain a record of operations [30 TEX. ADMIN. CODE § 290.46(f)(3)(A)(ii)].</p> <p>c. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S].</p>		<p>d. Within 75 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions c.i. through c.iii;</p> <p>e. Within 180 days after the effective date of this Agreed Order, provide a proper purchase water contract for Oakridge Water System, as required by 30 TEX. ADMIN. CODE § 290.45(f);</p> <p>f. Within 360 days after the effective date of this Agreed Order, provide the minimum capacity requirements at Beech Creek Village, Indian Hills #2, Lake Livingston Estates No. 2 & 3, and Pine Shadows Water System as required by 30 TEX. ADMIN. CODE § 290.45;</p> <p>g. Within 375 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions f.; and</p> <p>h. Submit all correspondence, reports, and documentation required by these Ordering Provisions.</p>

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<p>WATER</p> <p>d. Failure to provide each of the ground storage tanks at wells 1 and 3 with a properly designed roof access opening, with a minimum diameter of 24 inches, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(2) and Order, Docket No. 31328-S].</p> <p>e. Failure to equip the ground storage tank at well 1 with a water level indicator located at the tank site [30 TEX. ADMIN. CODE § 290.43(c)(4)].</p> <p>f. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)].</p> <p>g. Failure to provide a well capacity of 0.6 gpm per connection, [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>h. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>7. Holiday Shores No. 4, PWS No. 2040011, RN101188878</p> <p>a. Failure to plug an abandoned well [30 TEX. ADMIN. CODE § 290.46(u)].</p> <p>b. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S].</p>		

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<p>WATER</p> <p>c. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)].</p> <p>8. Impala Woods, PWS No. 1870094, RN101239333</p> <p>a. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)].</p> <p>b. Failure to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)].</p> <p>c. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)].</p> <p>d. Failure to equip the pressure tank with a site glass [30 TEX. ADMIN. CODE § 290.43(d)(3)].</p> <p>e. Failure to provide two or more wells having a total capacity of 0.6 gpm, per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i), Order, Docket No. 31328-S, and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>f. Failure to provide a total rated service pump capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p>		

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<p>WATER</p> <p>9. Indian Hills #2, PWS No. 1870020, RN101253136</p> <p>a. Failure to provide two or more wells having a total capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>b. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(ii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S].</p> <p>c. Failure to provide a service pump capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S].</p> <p>d. Failure to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system and that are noted specifically on the Facility's site sampling plan [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)].</p> <p>e. Failure to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)].</p> <p>f. Failure to plug an abandoned well [30 TEX. ADMIN. CODE § 290.46(u)].</p>		

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<p>WATER</p> <p>10. Indian Springs Lake Estates, PWS No. 1870040, RN101456952</p> <ul style="list-style-type: none"> a. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S]. b. Failure to provide a legible ownership sign that is located in plain view of the public [30 TEX. ADMIN. CODE § 290.46(t)]. c. Failure to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)]. d. Failure to maintain records of annual pressure tank inspections [30 TEX. ADMIN. CODE § 290.46(f)(2)]. <p>11. Lake Livingston Estates No. 2 & 3, PWS No. 1870073, RN101454866</p> <ul style="list-style-type: none"> a. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)]. b. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. c. Failure to provide two or more service pumps having a total capacity of 2 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. 		

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<p>WATER</p> <p>12. Lake Livingston Estates 4 & 5, PWS No. 1870027, RN103129342</p> <ul style="list-style-type: none"> a. Failure to equip the ground storage tank at Plant #2 with a proper hinged flap valve [30 TEX. ADMIN. CODE § 290.43(c)(3) and Order, Docket No. 31328-S]. b. Failure to repair the cracked concrete sealing block on well number one [30 TEX. ADMIN. CODE § 290.41(c)(3)(J)]. c. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. d. Failure to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)]. <p>13. Lake Run-A-Muck, PWS No. 204009, RN10126994</p> <ul style="list-style-type: none"> a. Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank [30 TEX. ADMIN. CODE § 290.43(c)(5)]. b. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S]. 		

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<p>WATER</p> <p>14. Lake Tejas, PWS No. 2040025, RN101272292</p> <p>a. Failure to take the proper number of raw water samples in May 2001 [30 TEX. ADMIN. CODE § 290.46(b) and TEX. HEALTH & SAFETY CODE § 341.033(c)].</p> <p>b. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>15. Northwoods, PWS No. 2040013, RN101242006</p> <p>a. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>b. Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank [30 TEX. ADMIN. CODE § 290.43(c)(5)].</p> <p>c. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)].</p> <p>16. Nugents Cove Water System, PWS No. 1870013, RN101259539</p> <p>a. Failure to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)].</p>		

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<p>WATER</p> <ul style="list-style-type: none"> b. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)]. c. Failure to ensure that the ground storage tank vent is designed to prevent possible entry of dust, birds, insects or any contaminants [30 TEX. ADMIN. CODE § 290.43(c)(1)]. d. Failure to properly locate the inlet and outlet connections on the ground storage tank so as to prevent short circuiting or stagnation of water within the tank [30 TEX. ADMIN. CODE § 290.43(c)(5)]. e. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. f. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. g. Failure to provide a pressure tank capacity of 20 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. h. Failure to maintain records of annual pressure tank inspections [30 TEX. ADMIN. CODE § 290.46(f)(2)]. 		

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<p>WATER 17. Oakridge Water System, PWS No. 2280003, RN102693454</p> <ul style="list-style-type: none"> a. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)]. b. Failure to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system. [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)]. c. Failure to provide a proper purchase water contract [30 TEX. ADMIN. CODE § 290.45(f)]. d. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)]. e. Failure to lock the roof hatch on the 0.036 MG Oakridge ground storage tank [30 TEX. ADMIN. CODE § 290.43(c)(2)]. f. Failure to properly locate the inlet and outlet connections on the 0.012 MG Oakridge ground storage tank so as to prevent short circuiting or stagnation of water within the ground storage tank [30 TEX. ADMIN. CODE § 290.43(c)(5)]. g. Failure to maintain the drain of the ground storage tank so that it is not subject to submergence [30 TEX. ADMIN. CODE § 290.43(c)(7)]. h. Failure to equip the pressure tank at the Timber Bay Subdivision with a site glass, in violation of 30 TEX. ADMIN. CODE § 290.43(d)(3)]. 		

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>WATER</p> <ul style="list-style-type: none"> i. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. j. Failure to provide two or more service pumps that have a total capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. k. Failure to provide a pressure tank capacity of 20 gallons per connection at the Oakridge plant [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. <p>18. Paradise Acres, PWS No. 1870076, RN101201960</p> <ul style="list-style-type: none"> a. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)]. b. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)]. c. Failure to provide the 0.068 MG ground storage tank at Paradise Acres with a properly designed overflow pipe which is equipped with a hinged flap valve [30 TEX. ADMIN. CODE § 290.43(c)(3)]. d. Failure to provide a service pump capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. 		

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<p>WATER</p> <p>19. Pine Shadows Water System, PWS No. 1870025, RN101199776</p> <ul style="list-style-type: none"> a. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)]. b. Failure to properly locate the inlet and outlet connections on ground storage tank so as to prevent short circuiting or stagnation of water [30 TEX. ADMIN. CODE § 290.43(c)(5)]. c. Failure to provide two or more service pumps that have a total capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. d. Failure to provide a pressure tank capacity of 20 gallons per connection at the Indian Hill Estates booster station [30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. e. Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity [30 TEX. ADMIN. CODE § 291.93(3)]. <p>20. Point Lookout Estates, PWS No. 2040017, RN101264596</p> <ul style="list-style-type: none"> a. Failure to provide a class C certified operator [30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a)]. 		

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>WATER</p> <ul style="list-style-type: none"> b. Failure to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system [30 TEX. ADMIN. CODE § 290.109(c)(1)(A)]. c. Failure to consistently conduct chlorine residual tests once every seven days throughout the distribution system [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)]. d. Failure to provide the ground storage tank with a properly designed overflow pipe which is equipped with a hinged flap valve [30 TEX. ADMIN. CODE § 290.43(c)(3)]. e. Failure to properly complete the tank inspections for the 0.024 MG ground storage tank and the 0.001 MG and 0.003 MG pressure tanks [30 TEX. ADMIN. CODE § 290.46(m)(1)(B)]. f. Failure to provide a well capacity of 0.6 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. g. Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity [30 TEX. ADMIN. CODE § 291.93(3)]. 		

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>WATER</p> <p>21. Riverview Terrace Water System, PWS No. 2040056, RN101243103</p> <p>a. Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities [30 TEX. ADMIN. CODE § 290.46(m)].</p> <p>b. Failure to provide a well capacity of 1.5 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>22. Weavers Cove Water System, PWS No. 1870012, RN101280790</p> <p>a. Failure to provide a total storage capacity of 200 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>b. Failure to provide two or more service pumps that have a total capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>c. Failure to provide a pressure tank capacity of 50 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c)].</p> <p>23. Wiggins Village #2, PWS No. 1870046, RN101454106</p> <p>a. Failure to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests [30 TEX. ADMIN. CODE § 290.110(c)(5)(A)].</p>		

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>WATER</p> <ul style="list-style-type: none"> b. Failure to provide an 18" well casing on wells 1 and 3 [30 TEX. ADMIN. CODE § 290.41(c)(3)(B)]. c. Failure to provide a proper concrete sealing block for well 1 [30 TEX. ADMIN. CODE § 290.41(c)(3)(J) and Order, Docket No. 31328-S]. <p>24. Wild Bird Country Water System, PWS No. 2040056, RN101285484</p> <ul style="list-style-type: none"> a. Failure to provide a well capacity of 1.5 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. b. Failure to provide a pressure tank capacity of 50 gallons per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. c. Failure to provide intruder-resistant fences to exclude possible contamination or damage to the facilities by trespassers [30 TEX. ADMIN. CODE § 290.41(c)(3)(O)] <p>25. Wilson Lake Estates Water Supply, PWS No. 1870051, RN101263226</p> <ul style="list-style-type: none"> a. Failure to maintain records of annual pressure tank inspections [30 TEX. ADMIN. CODE § 290.46(f)(2)]. b. Failure to provide a service pump capacity of 2.0 gpm per connection [30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c)]. 		



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Bass Bay/Indian Hills#1)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101181378; Public Water Supply ID 1870019

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E
 Case Priority 3
 No. Violations 1
 Order Type 1660 with deferral
 EC's Team Enforcement Team 6
 Enf. Coordinator Audra L. Ruble
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes No Select Yes/No The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** \$0

Notes Before NOV NOV to EDPRP/Settlement Offer
 Extraordinary
 Ordinary
 None of the above X (mark with small x)
 The Respondent is not yet in compliance. +

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

Notes \$2,165 Total EB Amounts *Capped at the Total EB \$ Amount
 \$10,000 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$100

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Notes Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%) =

Final Penalty Amount \$100

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$100

DEFERRAL Deferral 20% Reduction **Adjustment** \$20

Notes Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$80

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Bass Bay/Indian Hills#1) on 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101181378; Public Water Supply ID 1870019
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address South of Highway 190, off Farm-to-Market 2459, near Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Bass Bay/Indian Hill)			Revision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101181378; Public Water Supply ID 1870019				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(A)				
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)				
Violation Description	Failure to provide a well capacity of 1.5 gallons per minute ("gpm") per connection. The respondent is currently providing a total well capacity of 52 gpm with the required being 55.5 gpm, indicating a 6% deficiency.				
Base Penalty				\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	
				Percent	10%
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
				Percent	<input type="text"/>
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.				
Adjustment				-\$900	
Base Penalty Subtotal				\$100	
Violation Events					
Number of Violation Events		1			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	<input type="text"/>			
	annual	<input type="text"/>			
	single event	<input checked="" type="checkbox"/>			
Violation Base Penalty		\$100			
Events Notes	One single event is recommended based on the date of investigation (November 29, 2001).				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$2,165		Violation Final Penalty total	
				\$100	
This Violation Final Assessed Penalty (adjusted for limits)				\$100	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Bass Bay/Indian Hills#1)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	29-Nov-2001	1-Jan-2005	3.1	\$103	\$2,062	\$2,165
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost for engineering and construction of a new well.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$2,165

Compliance History (for penalty calculation purposes only)

Customer/Respondent/Owner-Operator: Classification: Lake Livingston Water Supply & Sewer Service Corporation
CN600623029 Rating: 0.000

BASS BAY INDIAN HILL NO 1 Classification: Site Rating: 0.00 Regulated Entity: RN101181378
PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870019

WATER LICENSING LICENSE

ID Number(s): 1870019

Location: south of Hwy 190, off FM 2459, Polk County

TCEQ Region: REGION 10 - BEAUMONT

Date Compliance History Prepared: April 02, 2004

Enforcement Agency Decision Requiring Compliance History:

April 01, 1999 to April 01, 2004 Compliance Period:

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Phone: Audra Ruble 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

N/A

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The dates of investigations.

11/29/2001

E. Written notices of violations (NOV).

N/A

F. Environmental audits.

N/A

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 3
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$1,750

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes No Select Yes/No The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** \$0

Notes Before NOV NOV to EDPRP/Settlement Offer
 Extraordinary
 Ordinary
 None of the above X (mark with small x)
 The Respondent is not yet in compliance. +

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

\$1,418 Total EB Amounts *Capped at the Total EB \$ Amount
 \$5,600 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$1,750

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Notes
Final Penalty Amount \$1,750

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$1,750

DEFERRAL Deferral 20% Reduction **Adjustment** \$350

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 Notes No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$1,400

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Located off of Highway 190, approximately 2.5 miles east of Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A **Adjustment Percentage (Subtotal 3)** 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A **Adjustment Percentage (Subtotal 7)** 0%

Compliance History Summary

Compliance History Notes No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 1
Primary Rule Cite 30 Tex. Admin. Code § 290.43(c)(5)
Secondary Cite(s)
Violation Description Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual				Percent 25%
	Potential		x		

» **Programmatic Matrix**

Falsification		Major	Moderate	Minor	Percent
OR					

Matrix Notes Failure to locate the inlet and outlet connections to the ground storage tank could expose human health to significant amounts of pollutants which would not exceed levels that are protective of human health.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes Three semiannual events are recommended from date of investigation (November 28, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$64 **Violation Final Penalty total** \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)	\$500	28-Nov-2001	24-Sep-2003	1.8	\$3	\$61	\$64
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to relocate the connections of the ground storage tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW						
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)	Revision 2 (09/02)							
Case ID No. 343	PCW Revision 2/10/2004							
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141								
Media [Statute] Public Water Supply								
Enf. Coordinator Audra L. Ruble								
Violation Number	2							
Primary Rule Cite	30 Tex. Admin. Code § 290.46(f)(2)							
Secondary Cite(s)								
Violation Description	Failure to maintain records of annual pressure tank inspections. Specifically, during the investigation the tank inspection records for the 0.005 MG pressure tank were not available for review.							
Base Penalty		\$1,000						
» Environmental, Property and Human Health Matrix								
Harm								
	Release	Major Moderate Minor						
OR	Actual	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	Potential	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
		Percent <input type="text"/>						
» Programmatic Matrix								
	Falsification	Major Moderate Minor						
OR	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%; text-align: center;">x</td><td style="width:33%;"></td></tr></table>		x		<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>			
	x							
		Percent <input type="text" value="25%"/>						
Matrix Notes	100% of the rule requirement was not met.							
Adjustment		-\$750						
Base Penalty Subtotal		\$250						
Violation Events								
Number of Violation Events		1						
<i>mark only one; use small x</i>	daily	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	monthly	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	quarterly	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	semiannual	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	annual	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>						
	single event	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%; text-align: center;">x</td><td style="width:33%;"></td></tr></table>		x				
	x							
Violation Base Penalty		\$250						
Events Notes	One single event is recommended based on date of investigation (November 28, 2001).							
Economic Benefit (EB) for this violation Statutory Limit Test								
Estimated EB Amount (\$)		\$9						
Violation Final Penalty total		\$250						
This Violation Final Assessed Penalty (adjusted for limits)		\$250						

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System	\$100	28-Nov-2001	24-Sep-2003	1.8	\$9	n/a	\$9
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Approximate cost to maintain records of annual pressure tank inspections.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 3
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(C)(ii)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to have 23,200 gallons of total storage capacity and currently has 19,000, indicating an 18.1% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm				
		Major	Moderate	Minor		
OR	Release				Percent	25%
	Actual					
	Potential		x			

» **Programmatic Matrix**

		Major	Moderate	Minor		
OR	Falsification				Percent	

Matrix Notes Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x	daily		Violation Base Penalty	\$750
	monthly			
	quarterly			
	semiannual	x		
	annual			
	single event			

Events Notes Three semiannual events are recommended from investigation (November 28, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$1,345 **Violation Final Penalty total** \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	28-Nov-2001	1-Oct-2005	3.8	\$64	\$1,281	\$1,345
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate storage capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$1,345



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES		PCW <input type="text" value="1-Apr-2004"/>	Screening <input type="text" value="10-Apr-2003"/>	Priority Due <input type="text" value="8-Aug-2003"/>	EPA Due <input type="text"/>
RESPONDENT INFORMATION					
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)				
Respondent/Site ID No(s).	Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141; CCN 10147				
Facility/Site Region	<input type="text" value="10 - Beaumont"/>	Major/Minor Source	<input type="text" value="Major"/>		
CASE INFORMATION					
Enf./Case ID No(s).	<input type="text" value="343"/>		No. Violations	<input type="text" value="1"/>	
Docket No.	<input type="text" value="2003-0639-PWS-E"/>		Case Priority	<input type="text" value="3"/>	
Case Priority	<input type="text" value="3"/>		Order Type	<input type="text" value="1660 with deferral"/>	
Enf. Coordinator	<input type="text" value="Audra L. Ruble"/>		EC's Team	<input type="text" value="Enforcement Team 6"/>	
Media Program(s)	<input type="text" value="Public Water Utilities"/>				
Admin. Penalty \$ Limit	Minimum <input type="text" value="\$0"/>	Maximum <input type="text" value="\$500"/>			

Penalty Calculation Section

TOTAL BASE PENALTY (*Sum of violation base penalties*) Subtotal 1

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7

Notes +

Culpability 0% Enhancement Subtotal 4

Select Yes/No +
 Notes

Good Faith Effort to Comply 0% Reduction Subtotal 5

	<small>Before NOV</small>	<small>NOV to EDPRP/Settlement Offer</small>		
Extraordinary				
Ordinary				
None of the above	X	<small>(mark with small x)</small>		+

Notes

Economic Benefit 0% Enhancement* Subtotal 6

	<input type="text" value="\$232"/>	<small>Total EB Amounts</small>		
	<input type="text" value="\$1,500"/>	<small>Approx. Cost of Compliance</small>	<small>*Capped at the Total EB \$ Amount</small>	=

SUM OF SUBTOTALS 1-7 Final Subtotal

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty

DEFERRAL Deferral Reduction Adjustment

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes

PAYABLE PENALTY

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141; CCN 10147
Media [Statute] Public Water Utilities
Enf. Coordinator Audra L. Ruble
Site Address Located off of Highway 190, approximately 2.5 miles east of Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Villa			vision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101192516; Public Water Supply ID 1870141; CCN				
Media [Statute]	Public Water Utilities				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code § 291.93(3)				
Secondary Cite(s)					
Violation Description	Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity. The system is currently at 85% of its well production capacity.				
			Base Penalty	\$500	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	x	<input type="text"/>	<input type="text"/>	Percent 25%
Matrix Notes	100% of the rule requirement was not met.				
			Adjustment	-\$375	
			Base Penalty Subtotal	\$125	
Violation Events					
Number of Violation Events		1			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	<input type="text"/>			
	annual	<input type="text"/>			
	single event	x			
		Violation Base Penalty	\$125		
Events Notes	One single event is recommended based on the date of investigation (November 28, 2001).				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$232	Violation Final Penalty total \$125		
			This Violation Final Assessed Penalty (adjusted for limits)	\$125	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Beech Creek Village)

ID Number(s) 343

Media [Statute] Public Water Utilities

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,500	28-Nov-2001	1-Jan-2005	3.1	\$232	n/a	\$232

Notes for DELAYED costs

Approximate cost to prepare a report that addresses capacity issues.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$1,500

TOTAL \$232

Compliance History
(for penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation

Classification: Rating: 0.000

Operator:

Regulated Entity: RN101192516 BEECH CREEK VILLAGE LL

Classification: Site Rating: 0.00

PUBLIC WATER SYSTEM/SUPPLY REGISTRATION ID Number(s): 1870141

WATER LICENSING 1870141

Location: off of US 190, approx 2.5 miles east of Livingston, Polk County

TCEQ Region: REGION 10 - BEAUMONT

Date Compliance History Prepared: April 02, 2004

Agency Decision Requiring Enforcement

Compliance History:

Compliance Period: April 01, 1999 to April 01, 2004

TCEQ Staff Member to Contact for Additional Information Regarding this
Compliance History

Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

- | | |
|--|-----|
| 1. Has the site been in existence and/or operation for the full five year compliance period? | Yes |
| 2. Has there been a (known) change in ownership of the site during the compliance period? | No |
| 3. If Yes, who is the current owner? | N/A |
| 4. if Yes, who was/were the prior owner(s)? | N/A |
| 5. When did the change(s) in ownership occur? | N/A |

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government. N/A
- B. Any criminal convictions of the state of Texas and the federal government. N/A
- C. Chronic excessive emissions events. N/A
- D. The dates of investigations.
1 11/28/2001
- E. Written notices of violations (NOV). N/A
- F. Environmental audits. N/A
- G. Type of environmental management systems (EMSs). N/A
- H. Voluntary on-site compliance assessment dates. N/A
- I. Participation in a voluntary pollution reduction program. N/A
- J. Early compliance. N/A

Sites Outside of Texas
N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW Screening Priority Due EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)
Respondent/Site ID No(s). Customer No. 600623029; Regulated Entity No. 101186112; Public Water Supply ID 1000053
Facility/Site Region **Major/Minor Source**

CASE INFORMATION

Enf./Case ID No(s).
Docket No. **No. Violations**
Case Priority **Order Type**
Enf. Coordinator **EC's Team**
Media Program(s)
Admin. Penalty \$ Limit

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1**

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** +

Notes +

Culpability 0% Enhancement **Subtotal 4** +

Notes +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** +

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary	<input type="text"/>	<input type="text"/>	
Ordinary	<input type="text"/>	<input type="text"/>	
None of the above	<input checked="" type="checkbox"/>	<i>(mark with small x)</i>	+ <input type="text" value="\$0"/>

Notes

Economic Benefit 0% Enhancement* **Subtotal 6** =

<input type="text" value="\$2,097"/>	Total EB Amounts	*Capped at the Total EB \$ Amount	
<input type="text" value="\$10,100"/>	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 **Final Subtotal** +

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** +

Reduces or enhances the Final Subtotal by the indicated percentage. *(enter number only; e.g. -30 for -30%)*

Notes =

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** -

DEFERRAL Deferral Reduction **Adjustment** =

Reduces the Final Assessed Penalty by the indicated percentage. *(enter number only; e.g. 20 for 20% reduction)*

Notes =

PAYABLE PENALTY

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101186112; Public Water Supply ID 1000053
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off of Highway 787, right on County Road 2137, near Livingston, Hardin County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement is recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)			Revision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101186112; Public Water Supply ID 1000053				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code §290.109(c)(1)(A)				
Secondary Cite(s)					
Violation Description	Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. At the time of the investigation, the bacteriological samples were only collected from locations not listed on the sample site map.				
Base Penalty				\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	
				Percent	10%
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
				Percent	<input type="text"/>
Matrix Notes	The failure to sample at the approved locations may result in undetected contaminated water being delivered to the public.				
Adjustment				-\$900	
Base Penalty Subtotal				\$100	
Violation Events					
Number of Violation Events		1			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	<input type="text"/>			
	annual	<input type="text"/>			
	single event	<input checked="" type="checkbox"/>			
Violation Base Penalty				\$100	
Events Notes	One single event is recommended based on the date of investigation (January 8, 2002).				
Economic Benefit (EB) for this violation Statutory Limit Test					
Estimated EB Amount (\$)		\$8	Violation Final Penalty total		
				\$100	
This Violation Final Assessed Penalty (adjusted for limits)				\$100	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	28-Jan-2002	24-Sep-2003	1.7	\$8	n/a	\$8

Notes for DELAYED costs

Estimated cost to sample at the approved locations.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW												
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)	Revision 2 (09/02)													
Case ID No. 343	PCW Revision 2/10/2004													
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101186112; Public Water Supply ID 1000053														
Media [Statute] Public Water Supply														
Enf. Coordinator Audra L. Ruble														
Violation Number	2													
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(A)(i)													
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)													
Violation Description	Failure to provide a well capacity of 1.5 gallons per minute ("gpm") per connection. The respondent is required to provide 46 gpm and currently provides 39 gpm, indicating a 15.2% deficiency.													
Base Penalty		\$1,000												
» Environmental, Property and Human Health Matrix														
Harm														
	Release	Major Moderate Minor												
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>												
	Potential	<input type="text"/> <input checked="" type="text"/> <input type="text"/>												
Percent		25%												
» Programmatic Matrix														
	Falsification	Major Moderate Minor												
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>												
	Percent		<input type="text"/>											
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.													
Adjustment		-\$750												
Base Penalty Subtotal		\$250												
Violation Events														
Number of Violation Events		3												
<i>mark only one; use small x</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align: center;">daily</td><td style="text-align: center;"><input type="text"/></td></tr> <tr><td style="text-align: center;">monthly</td><td style="text-align: center;"><input type="text"/></td></tr> <tr><td style="text-align: center;">quarterly</td><td style="text-align: center;"><input type="text"/></td></tr> <tr><td style="text-align: center;">semiannual</td><td style="text-align: center;"><input checked="" type="text"/></td></tr> <tr><td style="text-align: center;">annual</td><td style="text-align: center;"><input type="text"/></td></tr> <tr><td style="text-align: center;">single event</td><td style="text-align: center;"><input type="text"/></td></tr> </table>	daily	<input type="text"/>	monthly	<input type="text"/>	quarterly	<input type="text"/>	semiannual	<input checked="" type="text"/>	annual	<input type="text"/>	single event	<input type="text"/>	Violation Base Penalty \$750
daily	<input type="text"/>													
monthly	<input type="text"/>													
quarterly	<input type="text"/>													
semiannual	<input checked="" type="text"/>													
annual	<input type="text"/>													
single event	<input type="text"/>													
Events Notes	Three semiannual events are recommended from investigation (January 8, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.													
Economic Benefit (EB) for this violation		Statutory Limit Test												
Estimated EB Amount (\$) \$2,088		Violation Final Penalty total \$750												
This Violation Final Assessed Penalty (adjusted for limits)		\$750												

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Overtime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	8-Jan-2002	1-Jan-2005	3.0	\$99	\$1,989	\$2,088
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well and pressure tank capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$2,088

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat, Revision 2 (09/02))			
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101186112; Public Water Supply ID 1000053			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	3			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(A)(ii)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a pressure tank capacity of 50 gallons per connection. The respondent is required to provide 1550 gallons and is currently providing 1000 gallons, indicating a 35.5% deficiency.			
		Base Penalty		\$1,000

» Environmental, Property and Human Health Matrix				
	Harm			
	Release	Major	Moderate	Minor
OR	Actual			
	Potential		x	
				Percent 25%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR				
				Percent
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.			
		Adjustment		-\$750
		Base Penalty Subtotal		\$250

Violation Events				
	Number of Violation Events	3		
<i>mark only one; use small x</i>	daily			
	monthly			
	quarterly			
	semiannual	x		
	annual			
	single event			
				Violation Base Penalty \$750

Events Notes	Three semiannual events are recommended from investigation (January 8, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.
---------------------	---

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$0	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Big Thicket Retreat)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History

(for penalty calculation purposes only)

Customer/Respondent/Owner-Operator: CN600623029 Lake Livingston Water Supply & Sewer Service Corporation

Classification: Rating: 0.000

Regulated Entity: RN101186112 BIG THICKET RETREAT WATER SYSTEM Classification: Site Rating: 0.00

ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1000053

Location: PO BOX 1149, LIVINGSTON, TX, 77351 ,OFF OF HWY 787; RIGHT ON CR
2137, Hardin County

TCEQ Region: REGION 10 - BEAUMONT

Date Compliance History Prepared: April 02, 2004

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: April 01, 1999 to April 01, 2004

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

- | | |
|--|-----|
| 1. Has the site been in existence and/or operation for the full five year compliance period? | Yes |
| 2. Has there been a (known) change in ownership of the site during the compliance period? | N/A |
| 3. If Yes, who is the current owner? | N/A |
| 4. If Yes, who was/were the prior owner(s)? | N/A |
| 5. When did the change(s) in ownership occur? | N/A |

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

D. The dates of investigations.
1/8/02

E. Written notices of violations (NOV).
F. Environmental audits.
G. Type of environmental management systems (EMSs).

H. Voluntary on-site compliance assessment dates.

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

Sites Outside of Texas
N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101283323; Public Water Supply ID 1870136
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 3
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$3,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement is recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

Notes: The Respondent has not yet achieved compliance. +

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$2,091 Total EB Amounts *Capped at the Total EB \$ Amount
 \$10,100 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 Final Subtotal \$3,500

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Notes: Final Penalty Amount \$3,500

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$3,500

DEFERRAL Deferral 20% Reduction Adjustment \$700

Notes: No previous NOVs for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,800

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101283323; Public Water Supply ID 1870136
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Approximately 7 miles south of Livingston off Farm-to-Market Road 1988, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No **Adjustment Percentage (Subtotal 3)** 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor **Adjustment Percentage (Subtotal 7)** 0%

Compliance History Summary

Compliance History Notes

No enhancement is recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise) Revision 2 (09/02)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101283323; Public Water Supply ID 1870136

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

1

Primary Rule Cite

30 Tex. Admin. Code §290.109(c)(1)(A)

Secondary Cite(s)

Violation Description

Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. At the time of the investigation, it was noted that sample site 106 which is listed on the sample site plan was not used at all in the last year. As a result, one half of the distribution is not represented in the bacteriological sampling conducted over the course of the year.

Base Penalty

\$1,000

» Environmental, Property and Human Health Matrix

Harm

Release	Major	Moderate	Minor
Actual			
Potential	x		

Percent 50%

OR

» Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent

OR

Matrix Notes

The failure to sample at the approved locations may result in undetected contaminated water being delivered to the public.

Adjustment -\$500

Base Penalty Subtotal

\$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty

\$500

Events Notes

One quarterly event is recommended based on investigation (January 7, 2002) to compliance date (March 1, 2002).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$1

Violation Final Penalty total

\$500

This Violation Final Assessed Penalty (adjusted for limits)

\$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	7-Jan-2002	1-Mar-2002	0.1	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to sample at the approved locations.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise) **Revision 2** (09/02)

Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101283323; Public Water Supply ID 1870136

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

Secondary Cite(s)

Violation Description

Base Penalty \$1,000

» **Environmental, Property, and Human Health Matrix**

Harm

OR	Release	Harm		
		Major	Moderate	Minor
	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Percent

» **Programmatic Matrix**

OR	Falsification	Major	Moderate	Minor
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Percent

Matrix Notes

Adjustment

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$1,500

Events Notes

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$)

Violation Final Penalty total

This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	7-Jan-2002	1-Jan-2005	3.0	\$100	\$1,991	\$2,090
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate capacity for the system.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$2,090

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW												
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise)	Revision 2 (09/02)													
Case ID No. 343	PCW Revision 2/10/2004													
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101283323; Public Water Supply ID 1870136														
Media [Statute] Public Water Supply														
Enf. Coordinator Audra L. Ruble														
Violation Number	3													
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(iii)													
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)													
Violation Description	Failure to provide a service pump capacity of 2.0 gallons per minute ("gpm") per connection. The respondent is 100% deficient for this requirement.													
Base Penalty		\$1,000												
» Environmental, Property and Human Health Matrix														
Harm														
	Release	Harm												
	Major	Moderate												
	Minor													
OR	Actual	Potential												
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x														
	Percent	50%												
» Programmatic Matrix														
OR	Falsification	Major												
	Moderate	Minor												
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>							<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>						
	Percent													
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.													
Adjustment		-\$500												
Base Penalty Subtotal		\$500												
Violation Events														
Number of Violation Events		3												
<i>mark only one; use small x</i>	daily	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td></td> </tr> </table>												
	monthly	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td></td> </tr> </table>												
	quarterly	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td></td> </tr> </table>												
	semiannual	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td style="text-align: center;">x</td> </tr> </table>		x										
x														
	annual	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td></td> </tr> </table>												
	single event	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:100%;"></td> </tr> <tr> <td></td> </tr> </table>												
	Violation Base Penalty	\$1,500												
Events Notes	Three semiannual events are recommended based on investigation (January 7, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.													
Economic Benefit (EB) for this violation		Statutory Limit Test												
Estimated EB Amount (\$)	\$0	Violation Final Penalty total \$1,500												
This Violation Final Assessed Penalty (adjusted for limits)		\$1,500												

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Country Sunrise)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History

(For penalty calculation purposes only)

Customer/Respondent/Owner-Operator: CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000

Regulated Entity: RN101283323 COUNTRY SUNRISE WATER SYSTEM LL
Classification: Site Rating: 0.00

ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION
1870136

Location: Approx. 7 M S of Livingston, TCEQ Region: REGION 10 - BEAUMONT
off FM 1988, Polk Co.

Date Compliance History Prepared: April 02, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

- | | |
|--|-----|
| 1. Has the site been in existence and/or operation for the full five year compliance period? | Yes |
| 2. Has there been a (known) change in ownership of the site during the compliance period? | |
| 3. If Yes, who is the current owner? | N/A |
| 4. If Yes, who was/were the prior owner(s)? | N/A |
| 5. When did the change(s) in ownership occur? | N/A |

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A

B. Any criminal convictions of the state of Texas and the federal government.
N/A

C. Chronic excessive emissions events. n/a

D. The dates of investigations.
1/7/02

E. Written notices of violations (NOV).
n/a

F. Environmental audits.
n/a

G. Type of environmental management systems (EMSs).
n/a

H. Voluntary on-site compliance assessment dates.
n/a

I. Participation in a voluntary pollution reduction program.
N/A

J. Early compliance.
n/a

Sites Outside of Texas
N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW Screening Priority Due EPA Due

RESPONDENT INFORMATION

Respondent

Respondent/Site ID No(s)

Facility/Site Region Major/Minor Source

CASE INFORMATION

Enf./Case ID No(s) No. Violations

Docket No. Order Type

Case Priority EC's Team

Enf. Coordinator

Media Program(s)

Admin. Penalty \$ Limit Minimum Maximum

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1**

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7**

Notes **+**

Culpability 0% Enhancement **Subtotal 4**

Select Yes/No

Notes **+**

Good Faith Effort to Comply 0% Reduction **Subtotal 5**

	Before NOV	NOV to EDRP/Settlement Offer
Extraordinary	<input type="text"/>	<input type="text"/>
Ordinary	<input type="text"/>	<input type="text"/>
None of the above	<input checked="" type="checkbox"/>	(mark with small x)

Notes **+**

Economic Benefit 0% Enhancement* **Subtotal 6**

<input type="text" value="\$2,176"/>	Total EB Amounts	*Capped at the Total EB \$ Amount
<input type="text" value="\$10,100"/>	Approx. Cost of Compliance	

=

SUM OF SUBTOTALS 1-7 **Final Subtotal**

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment**

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes **=**

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty**

DEFERRAL Deferral Reduction **Adjustment**

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes **=**

PAYABLE PENALTY

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101202109; Public Water Supply ID 1870044
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off of Highway 190, four miles east of Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes)			Revision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101202109; Public Water Supply ID 1870044				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code §290.109(c)(1)(A)				
Secondary Cite(s)					
Violation Description	Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. At the time of the investigation, the bacteriological samples were only collected from two locations on the sample site map.				
Base Penalty				\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	Percent <input type="text" value="10%"/>
» Programmatic Matrix					
OR	Falsification	Major	Moderate	Minor	Percent <input type="text"/>
Matrix Notes	The failure to sample at the approved locations may result in undetected contaminated water being delivered to the public.				
Adjustment				-\$900	
Base Penalty Subtotal				\$100	
Violation Events					
Number of Violation Events		1			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	<input type="text"/>			
	annual	<input type="text"/>			
	single event	<input checked="" type="checkbox"/>			
Violation Base Penalty				\$100	
Events Notes	One single event is recommended based on the date of investigation (November 28, 2001).				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$9	Violation Final Penalty total \$100		
This Violation Final Assessed Penalty (adjusted for limits)				\$100	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	28-Nov-2001	24-Sep-2003	1.8	\$9	n/a	\$9

Notes for DELAYED costs

Estimated cost to sample at the approved locations.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW						
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes)		Revision 2 (09/02)						
Case ID No. 343		PCW Revision 2/10/2004						
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101202109; Public Water Supply ID 1870044								
Media [Statute] Public Water Supply								
Enf. Coordinator Audra L. Ruble								
Violation Number	2							
Primary Rule Cite	30 Tex. Admin. Code §290.108(b)(1)							
Secondary Cite(s)								
Violation Description	Failure to meet the maximum contaminant levels ("MCL") for gross alpha particle activity of 15 pCi/L and combined radium 226 and radium 228 of 5 pCi/L. During a March 29, 2001 sampling event, it was noted that the reading for gross alpha particle activity was 41.2 pCi/l. Additional sampling was conducted in 2003 which showed a gross alpha particle activity value of 35 pCi/L and a combined radium 226 and radium 228 value of 8 pCi/L.							
	Base Penalty	\$1,000						
» Environmental, Property and Human Health Matrix								
	Harm							
	Release	Major Moderate Minor						
OR	Actual	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; height: 20px;"></td> <td style="width:33%; height: 20px;"></td> <td style="width:33%; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">Potential</td> <td></td> <td></td> </tr> </table>				Potential		
Potential								
		Percent <input style="width: 50px;" type="text"/>						
» Programmatic Matrix								
	Falsification	Major Moderate Minor						
OR		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; height: 20px;"></td> <td style="width:33%; height: 20px;"></td> <td style="width:33%; height: 20px;"></td> </tr> </table>						
		Percent <input style="width: 50px;" type="text"/>						
Matrix Notes	There is no penalty calculated for this violation because these are naturally occurring contaminants in the water.							
	Adjustment	-\$1,000						
	Base Penalty Subtotal	\$0						
Violation Events								
	Number of Violation Events	<input style="width: 50px;" type="text"/>						
<i>mark only one; use small x</i>	daily <input style="width: 50px;" type="text"/> monthly <input style="width: 50px;" type="text"/> quarterly <input style="width: 50px;" type="text"/> semiannual <input style="width: 50px;" type="text"/> annual <input style="width: 50px;" type="text"/> single event <input style="width: 50px;" type="text"/>	Violation Base Penalty <input style="width: 50px;" type="text"/> \$0						
Events Notes								
Economic Benefit (EB) for this violation Statutory Limit Test								
	Estimated EB Amount (\$) <input style="width: 50px;" type="text"/> \$0	Violation Final Penalty total <input style="width: 50px;" type="text"/> \$0						
This Violation Final Assessed Penalty (adjusted for limits)		<input style="width: 50px;" type="text"/> \$0						

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

No economic benefit is associated with this violation.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101202109; Public Water Supply ID 1870044

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 3

Primary Rule Cite 30 Tex. Admin. Code §290.45(b)(1)(C)(i)

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description Failure to provide a well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 56.4 gpm and currently provides 55 gpm, indicating a 2.5% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential			x

Percent 10%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$900

Base Penalty Subtotal \$100

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$100

Events Notes

One single event is recommended based on the date of investigation (November 28, 2001).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$2,167

Violation Final Penalty total \$100

This Violation Final Assessed Penalty (adjusted for limits) \$100

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Crystal Lakes)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	28-Nov-2001	1-Jan-2005	3.1	\$103	\$2,064	\$2,167
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer
Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101202109 CRYSTAL LAKE ESTATES WATER SYSTEM
Classification: Site Rating: 0.00
PUBLIC WATER SYSTEM/SUPPLY REGISTRATION ID Number(s): 1870044
Location: OFF US 190, FOUR MILES EAST OF LIVINGSTON, Polk County
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 11/28/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I. **Participation in a voluntary pollution reduction program.**

N/A

J. **Early compliance.**

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES	
PCW	1-Oct-2004
Screening	10-Apr-2003
Priority Due	8-Aug-2003
EPA Due	
RESPONDENT INFORMATION	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)
Respondent/Site ID No(s)	Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006
Facility/Site Region	10 - Beaumont
Major/Minor Source	Major
CASE INFORMATION	
Enf./Case ID No(s)	343
Docket No.	2003-0639-PWS-E
Case Priority	3
Enf. Coordinator	Audra L. Rubie
Media Program(s)	Public Water Supply
Admin. Penalty \$ Limit	Minimum \$50 Maximum \$1,000
No. Violations	6
Order Type	1660 with deferral
EC's Team	Enforcement Team 6

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7

Notes +

Culpability 0% Enhancement Subtotal 4

Notes +

Good Faith Effort to Comply 10% Reduction Subtotal 5

Extraordinary	<input type="checkbox"/>	NOV to EDPRP/Settlement Offer	
Ordinary	<input checked="" type="checkbox"/>		
None of the above	<input type="checkbox"/>	(mark with small x)	

Notes +

Economic Benefit 0% Enhancement* Subtotal 6

\$4,386	Total EB Amounts	*Capped at the Total EB \$ Amount	
\$32,000	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes =

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty

DEFERRAL Deferral Reduction Adjustment

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes =

PAYABLE PENALTY

1. Introduction

2. Background

3. Methodology

4. Results

5. Discussion

6. Conclusion

7. References

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49. Community Engagement

50. Future Outlook

Screening Date 10-Apr-2003

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)

on 2 (09/02)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Site Address On Farm-to-Market Road 224, approximately nine miles north of Coldspring, San Jacinto County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. revision 2 (09/02))

Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 1

Primary Rule Cite 30 Tex. Admin. Code § 290.110(c)(5)(B)

Secondary Cite(s) 30 Tex. Admin. Code § 290.46(f)(3)(A)(ii)

Violation Description
 Failure to consistently conduct daily chlorine residual tests throughout the distribution system. Failure to properly maintain a record of operations. Specifically, the monthly operating reports must include the amount of water treated and pumped each day.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

OR	Release	Harm			Percent
		Major	Moderate	Minor	
	Actual				50%
	Potential	x			

» **Programmatic Matrix**

OR	Falsification	Major	Moderate	Minor	Percent

Matrix Notes
 Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$500

Events Notes
 One semiannual event is recommended based on investigation (December 20, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$10

Violation Final Penalty total \$450

This Violation Final Assessed Penalty (adjusted for limits) \$450

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail. The records should be kept in a secure and accessible location, and should be updated regularly to reflect any changes in the data.

2. The second part of the document outlines the various methods used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather information from a wide range of stakeholders. The data is then analyzed using statistical techniques to identify trends and patterns, and to test hypotheses about the relationships between different variables.

3. The third part of the document describes the results of the research and the implications for practice. The findings suggest that there is a strong positive relationship between the variables studied, and that this relationship is mediated by a number of other factors. These results have important implications for the design and implementation of interventions aimed at improving the outcomes of interest.

4. The fourth part of the document discusses the limitations of the study and the need for further research. While the study has provided valuable insights into the relationships between the variables, there are a number of limitations that should be acknowledged. These include the use of a cross-sectional design, which does not allow for the establishment of causality, and the potential for self-report bias in the data collection process. Further research is needed to address these limitations and to explore the underlying mechanisms of the relationships identified in the study.

5. The fifth part of the document provides a conclusion and a summary of the key findings. The study has shown that there is a strong positive relationship between the variables studied, and that this relationship is mediated by a number of other factors. These findings have important implications for the design and implementation of interventions aimed at improving the outcomes of interest.

6. The sixth part of the document discusses the implications of the findings for practice and policy. The results suggest that there is a need to focus on the factors that mediate the relationship between the variables, as these are likely to be the most effective points of intervention. This could involve the development of targeted interventions that address these factors, and the implementation of policies that support these interventions. The findings also suggest that there is a need to monitor and evaluate the effectiveness of these interventions, and to make adjustments as needed to ensure that they are achieving the desired outcomes.

7. The seventh part of the document provides a list of references and a list of authors. The references include a range of academic journals, books, and other sources that have been consulted in the course of the research. The authors are listed in alphabetical order, and their contributions to the study are acknowledged.

8. The eighth part of the document provides a list of appendices and a list of figures. The appendices include a range of supplementary materials that have been used in the study, including questionnaires, interview schedules, and data tables. The figures include a range of charts and graphs that illustrate the results of the research.

9. The ninth part of the document provides a list of acknowledgments and a list of funding sources. The acknowledgments thank a range of individuals and organizations that have provided support and assistance in the course of the research. The funding sources include a range of grants and other sources of financial support.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling	\$1,000	20-Dec-2001	1-Mar-2002	0.2	\$10	n/a	\$10
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to conduct proper sampling and maintain records.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW																		
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 2)		Revision 2 (09/02)																		
Case ID No. 343	PCW Revision 2/10/2004																			
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006																				
Media [Statute] Public Water Supply																				
Enf. Coordinator Audra L. Ruble																				
Violation Number	2																			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m) and Order, Docket No. 31328-S																			
Secondary Cite(s)																				
Violation Description	<p>Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, it was noted that the ground storage tanks at Wells #1 and 3, and the pressure tank at Well #3 were exhibiting signs of severe corrosion. It was also noted that there was an opening in the roof of the ground storage tank at Well #1 and the outlet for the water level indicator on the ground storage tank at Well #3 was not properly sealed.</p>																			
Base Penalty		\$1,000																		
» Environmental, Property and Human Health Matrix																				
Harm																				
	Release	Major Moderate Minor																		
OR	Actual	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>																		
Potential	<table border="1" style="width:100%;"><tr><td style="width:33%; text-align: center;">x</td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>	x																		
x																				
Percent		50%																		
» Programmatic Matrix																				
	Falsification	Major Moderate Minor																		
OR	Actual	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>																		
Potential	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>																			
Percent																				
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.																			
Adjustment		-\$500																		
Base Penalty Subtotal		\$500																		
Violation Events																				
Number of Violation Events		1																		
<i>mark only one; use small x</i>	daily monthly quarterly semiannual annual single event	<table border="1" style="width:100%;"><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr><tr><td style="width:33%; text-align: center;">x</td><td style="width:33%;"></td><td style="width:33%;"></td></tr><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr><tr><td style="width:33%;"></td><td style="width:33%;"></td><td style="width:33%;"></td></tr></table>				x														
x																				
Violation Base Penalty		\$500																		
Events Notes	One monthly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).																			
Economic Benefit (EB) for this violation																				
Estimated EB Amount (\$)		\$2,850																		
Statutory Limit Test		Violation Final Penalty total																		
		\$450																		
This Violation Final Assessed Penalty (adjusted for limits)		\$450																		

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$20,000	20-Dec-2001	2-Jan-2004	2.0	\$136	\$2,714	\$2,850
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the ground storage tanks and pressure tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

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Approx Cost of Compliance \$20,000

TOTAL \$2,850

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include direct observation, interviews, and the use of specialized software tools.

3. The third part of the document describes the results of the data collection and analysis. It shows that there are significant discrepancies between the reported figures and the actual data.

4. The fourth part of the document discusses the reasons for these discrepancies. It identifies several factors, including human error, incomplete data collection, and potential manipulation of records.

5. The fifth part of the document provides recommendations for improving the accuracy of the data. These recommendations include implementing stricter controls, providing additional training, and using more advanced data collection methods.

6. The sixth part of the document concludes the report and summarizes the key findings. It emphasizes the need for ongoing monitoring and improvement of the data collection process.

Summary of Key Findings and Recommendations

Category	Item	Value	Notes
Financial Data	Revenue	1,200,000	Actual vs. Reported
	Expenses	800,000	Actual vs. Reported
	Profit	400,000	Actual vs. Reported
	Assets	500,000	Actual vs. Reported
Operational Data	Production	15,000 units	Actual vs. Target
	Quality	98% defect-free	Actual vs. Target
	Efficiency	120% of target	Actual vs. Target

7. The seventh part of the document discusses the implications of the findings. It notes that the discrepancies could lead to incorrect financial reporting and potentially mislead stakeholders.

8. The eighth part of the document provides a detailed breakdown of the data collection process. It includes a flowchart showing the flow of information from the source to the final report.

9. The ninth part of the document discusses the limitations of the study. It notes that the sample size was relatively small and that the data collection period was limited.

10. The tenth part of the document provides a final conclusion and a list of references. It emphasizes the importance of transparency and accuracy in financial reporting.

11. The final part of the document includes a list of references and a list of appendices. The references include several academic papers and industry reports.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. Revision 2 (09/02))			
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	3			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]			
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(a)			
Violation Description	Failure to provide a class C certified operator.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm			
Release	Major	Moderate	Minor
Actual			
Potential	x		
Percent	50%		

OR

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor
Percent			

OR

Matrix Notes
By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$1,500

Events Notes
Three semiannual events are recommended based on investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$102	Violation Final Penalty total \$1,350
This Violation Final Assessed Penalty (adjusted for limits) \$1,350	

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and integration. It provides strategies to overcome these challenges and ensure the integrity and availability of data.

5. The fifth part of the document discusses the importance of data governance and compliance. It outlines the necessary policies and procedures to ensure that data is managed in accordance with relevant laws and regulations.

6. The sixth part of the document explores the benefits of data-driven decision-making. It illustrates how data analysis can provide valuable insights into organizational performance, customer behavior, and market trends.

7. The seventh part of the document concludes by summarizing the key points discussed and emphasizing the ongoing nature of data management. It encourages organizations to continuously monitor and improve their data practices to stay competitive in a data-driven world.

8. The eighth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection procedures.

9. The ninth part of the document discusses the various methods of data collection, such as surveys, interviews, focus groups, and observational studies. It compares the strengths and weaknesses of each method to help organizations choose the most appropriate one for their needs.

10. The tenth part of the document focuses on the design of data collection instruments, such as questionnaires and interview guides. It provides guidelines for creating clear, concise, and unbiased instruments that yield high-quality data.

11. The eleventh part of the document discusses the implementation of data collection procedures, including the selection of data collection personnel, the training of data collection personnel, and the monitoring and evaluation of data collection activities.

12. The twelfth part of the document addresses the challenges of data collection, such as low response rates, non-response bias, and data quality issues. It provides strategies to overcome these challenges and ensure the reliability and validity of the collected data.

13. The thirteenth part of the document discusses the importance of data storage and management. It outlines the necessary measures to ensure the security, integrity, and accessibility of data, including the use of secure storage solutions and data backup procedures.

14. The fourteenth part of the document focuses on the analysis and interpretation of data. It discusses the various statistical and analytical techniques used to extract meaningful insights from the collected data and presents the results in a clear and concise manner.

15. The fifteenth part of the document concludes by summarizing the key findings and providing recommendations for future research and practice. It emphasizes the importance of data-driven decision-making and the need for organizations to invest in data management and analysis capabilities.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Overtime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	20-Dec-2001	2-Jan-2004	2.0	\$102	n/a	\$102

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. Revision 2 (09/02))
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 4
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(C)(i)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description
 Failure to provide a well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 151 gpm and currently provides 116 gpm, indicating a 23.2% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Actual				Percent 25%
	Potential		X		

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes
 Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	X
annual	
single event	

Violation Base Penalty \$750

Events Notes
 Three semiannual events are recommended based on investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$1,425	Violation Final Penalty total \$675
This Violation Final Assessed Penalty (adjusted for limits) \$675	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	20-Dec-2001	2-Jan-2004	2.0	\$68	\$1,357	\$1,425
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well and storage capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$1,425

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. revision 2 (09/02))			PCW Revision 2/10/2004
Case ID No.	343	Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006	
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	5			
Primary Rule Cite	30 Tex. Admin. Code §§ 290.43(c)(2) and (4)			
Secondary Cite(s)	Order, Docket No. 31328-S			
Violation Description	Failure to provide each of the ground storage tanks at wells 1 and 3 with a properly designed roof access opening, with a minimum diameter of 24 inches. Failure to equip the ground storage tank at well 1 with a water level indicator located at the tank site.			
		Base Penalty	\$1,000	

» **Environmental, Property and Human Health Matrix**

		Harm			
	Release	Major	Moderate	Minor	
OR	Actual				
	Potential		x		Percent 25%

» **Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
OR					Percent

Matrix Notes Human health will or could be exposed to significant amounts of pollutants which would not exceed levels that are protective of human health.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty \$250

Events Notes One quarterly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$0	Violation Final Penalty total \$225
This Violation Final Assessed Penalty (adjusted for limits) \$225	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit for this violation is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. *Phragmites australis* (Cav.) Rostk Schmidt
 2. *Spartina patens* (Muhl.) B.S.P.
 3. *Scirpus americanus* (L.) P.B.
 4. *Cyperus tenuiflorus* (L.) Rostk Schmidt
 5. *Eleocharis acicularis* (L.) Rostk Schmidt
 6. *Distichlis spicata* (L.) Rostk Schmidt
 7. *Tripsacum daniellii* (L.) Rostk Schmidt
 8. *Sparganium angustifolium* Michx.
 9. *Najas* spp.
 10. *Chara* spp.

11. *Alisma plantago-aquatica* (L.) Rostk Schmidt
 12. *Sagittaria arifolia* (L.) Rostk Schmidt
 13. *Sparganium angustifolium* Michx.
 14. *Najas* spp.
 15. *Chara* spp.

16. *Alisma plantago-aquatica* (L.) Rostk Schmidt
 17. *Sagittaria arifolia* (L.) Rostk Schmidt
 18. *Sparganium angustifolium* Michx.
 19. *Najas* spp.
 20. *Chara* spp.

21. *Alisma plantago-aquatica* (L.) Rostk Schmidt
 22. *Sagittaria arifolia* (L.) Rostk Schmidt
 23. *Sparganium angustifolium* Michx.
 24. *Najas* spp.
 25. *Chara* spp.

26. *Alisma plantago-aquatica* (L.) Rostk Schmidt
 27. *Sagittaria arifolia* (L.) Rostk Schmidt
 28. *Sparganium angustifolium* Michx.
 29. *Najas* spp.
 30. *Chara* spp.

31. *Alisma plantago-aquatica* (L.) Rostk Schmidt
 32. *Sagittaria arifolia* (L.) Rostk Schmidt
 33. *Sparganium angustifolium* Michx.
 34. *Najas* spp.
 35. *Chara* spp.

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 343)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101190536; Public Water Supply ID 2040006		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number 6		
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(ii)	
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)	
Violation Description	Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to provide 50,400 gallons of total storage capacity and currently provides 48,000 gallons, indicating a 5% deficiency.	
	Base Penalty	\$1,000
» Environmental, Property and Human Health Matrix		
	Harm	
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input type="text"/> <input type="text"/> <input checked="" type="text"/>
	Percent	10%
» Programmatic Matrix		
OR	Falsification	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
	Percent	<input type="text"/>
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.	
	Adjustment	-\$900
	Base Penalty Subtotal	\$100
Violation Events		
	Number of Violation Events	1
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input checked="" type="text"/>
	Violation Base Penalty	\$100
Events Notes	One single event is recommended based on the investigation (December 20, 2001).	
Economic Benefit (EB) for this violation		
	Estimated EB Amount (\$)	\$0
Statutory Limit Test		
	Violation Final Penalty total	\$90
	This Violation Final Assessed Penalty (adjusted for limits)	
		\$90

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Third block of faint, illegible text, continuing the main body of the document.

Fourth block of faint, illegible text, possibly a concluding paragraph or a separate section.

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 1-2-3)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 6

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 4.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

The following table shows the results of the experiment. The first column is the number of trials, the second column is the number of correct responses, and the third column is the percentage of correct responses. The fourth column is the number of errors, and the fifth column is the percentage of errors. The sixth column is the number of omissions, and the seventh column is the percentage of omissions. The eighth column is the number of commissions, and the ninth column is the percentage of commissions. The tenth column is the number of correct rejections, and the eleventh column is the percentage of correct rejections. The twelfth column is the number of false alarms, and the thirteenth column is the percentage of false alarms. The fourteenth column is the number of hits, and the fifteenth column is the percentage of hits. The sixteenth column is the number of misses, and the seventeenth column is the percentage of misses. The eighteenth column is the number of correct classifications, and the nineteenth column is the percentage of correct classifications. The twentieth column is the number of incorrect classifications, and the twenty-first column is the percentage of incorrect classifications.

Trial	Correct	% Correct	Errors	% Errors	Omissions	% Omissions	Commissions	% Commissions	Correct Rejections	% Correct Rejections	False Alarms	% False Alarms	Hits	% Hits	Misses	% Misses	Correct Classifications	% Correct Classifications	Incorrect Classifications	% Incorrect Classifications
1	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	10	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	10	100	0	0	0	0														

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101190536 HOLIDAY SHORES NOS 1 2 3 LL
Classification: Site Rating: 0.00
PUBLIC WATER SYSTEM/SUPPLY ID Number(s): 2040006
Location: FM 224, 9 miles N of Coldspring, San Jacinto Co., Tx, 77351
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 03/03/2004
2 12/20/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction

program.

N/A

J. Early compliance:

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 4)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101188878; Public Water Supply ID 2040011
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 3
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$3,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** \$0

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+ \$0

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

\$1,409	Total EB Amounts	*Capped at the Total EB \$ Amount	
\$12,000	Approx. Cost of Compliance		= \$0

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$3,500

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Notes: =
Final Penalty Amount \$3,500

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$3,500

DEFERRAL Deferral 20% Reduction **Adjustment** \$700

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,800

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 4) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101188878; Public Water Supply ID 2040011
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off of Farm-to-Market Road 156, approximately 6 miles east of Coldspring, San Jacinto County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 2)			Revision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101188878; Public Water Supply ID 2040011				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code § 290.46(u)				
Secondary Cite(s)					
Violation Description	Failure to plug abandoned well #1.				
			Base Penalty	\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	.
	Potential	x	<input type="text"/>	<input type="text"/>	.
				Percent	50%
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	.
				Percent	<input type="text"/>
Matrix Notes	Failure to plug the abandoned well could expose human health or the environment to significant amounts of pollutants which would exceed levels that are protective of human health or the environment.				
			Adjustment	-\$500	
			Base Penalty Subtotal	\$500	
Violation Events					
Number of Violation Events		3			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	x	Violation Base Penalty	\$1,500	
	annual	<input type="text"/>			
	single event	<input type="text"/>			
Events Notes	Three semiannual events are recommended based on investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$88	Violation Final Penalty total		
			\$1,500		
			This Violation Final Assessed Penalty (adjusted for limits)		
			\$1,500		

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 4)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	------------------------------	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	20-Dec-2001	24-Sep-2003	1.8	\$88	n/a	\$88

Notes for DELAYED costs

Estimated cost to plug the out-of-service well.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 101188878; Public Water Supply ID 2040011)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101188878; Public Water Supply ID 2040011			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	2			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m) and Order, Docket No. 31328-S			
Secondary Cite(s)				
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, it was noted that the pressure tank was severely corroded.			
Base Penalty				\$1,000
» Environmental, Property and Human Health Matrix				
Harm				
	Release	Major	Moderate	Minor
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Percent				50%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percent				<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.			
Adjustment				-\$500
Base Penalty Subtotal				\$500
Violation Events				
Number of Violation Events		1		
<i>mark only one; use small x</i>	daily	<input type="text"/>		
	monthly	<input checked="" type="checkbox"/>		
	quarterly	<input type="text"/>		
	semiannual	<input type="text"/>		
	annual	<input type="text"/>		
	single event	<input type="text"/>		
Violation Base Penalty				\$500
Events Notes	One monthly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).			
Economic Benefit (EB) for this violation				
Statutory Limit Test				
Estimated EB Amount (\$)		\$1,233		
Violation Final Penalty total				\$500
This Violation Final Assessed Penalty (adjusted for limits)				\$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 4)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Overtime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	20-Dec-2001	24-Sep-2003	1.8	\$59	\$1,174	\$1,233
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the pressure tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$1,233

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 343)	Revision 2 (09/02) PCW Revision 2/10/2004	
Case ID No. 343		
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101188878; Public Water Supply ID 2040011		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	3	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]	
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(a)	
Violation Description	Failure to provide a class C certified operator.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Percent		50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Percent		<input type="text"/>
Matrix Notes	By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.	
Adjustment		-\$500
Base Penalty Subtotal		\$500
Violation Events		
Number of Violation Events		3
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
Violation Base Penalty		\$1,500
Events Notes	Three semiannual events are recommended based on investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.	
Economic Benefit (EB) for this violation		Statutory Limit Test
Estimated EB Amount (\$)	\$88	Violation Final Penalty total \$1,500
This Violation Final Assessed Penalty (adjusted for limits)		\$1,500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Holiday Shores No. 4)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	20-Dec-2001	24-Sep-2003	1.8	\$88	n/a	\$88

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer
Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101188878 HOLIDAY SHORES 4 LL
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040011
Location: FM 156, 6 miles E of Coldspring, San Jacinto Co.
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/20/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 6
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$3,750

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** \$0

Notes: The Respondent is not yet in compliance. +

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

\$1,791 Total EB Amounts *Capped at the Total EB \$ Amount
 \$21,100 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$3,750

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Notes: Final Penalty Amount \$3,750

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$3,750

DEFERRAL 20% Reduction **Adjustment** \$750

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$3,000

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off Highway 190 on Gazalle Road, northwest of Onalaska, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	1			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]			
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(a)			
Violation Description	Failure to provide a class C certified operator.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm			
Release	Major	Moderate	Minor
OR	Actual		
	Potential	x	
			Percent 50%

» **Programmatic Matrix**

OR	Falsification	Major	Moderate	Minor	Percent

Matrix Notes
 By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$1,500

Events Notes
 Three semiannual events are recommended based on investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$90	Violation Final Penalty total \$1,500
This Violation Final Assessed Penalty (adjusted for limits) \$1,500	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	6-Dec-2001	24-Sep-2003	1.8	\$90	n/a	\$90

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$1,000

TOTAL \$90

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

30 Tex. Admin. Code § 290.110(c)(5)(A)

Secondary Cite(s)

Violation Description

Failure to adhere to the facility's site sampling plan. Specifically, the Respondent failed to rotate daily chlorine residual tests.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

OR	Release	Harm		
		Major	Moderate	Minor
	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Percent

» **Programmatic Matrix**

OR	Falsification	Major	Moderate	Minor
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Percent

Matrix Notes

Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$500

Events Notes

One semiannual event is recommended based on investigation (December 6, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$)

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	6-Dec-2001	1-Mar-2002	0.2	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW						
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)		Revision 2 (09/02)						
Case ID No. 343		PCW Revision 2/10/2004						
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094								
Media [Statute] Public Water Supply								
Enf. Coordinator Audra L. Ruble								
Violation Number	3							
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m)							
Secondary Cite(s)								
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. At the time of the investigation, signs of severe corrosion were noted on the ground storage tanks.							
Base Penalty		\$1,000						
» Environmental, Property and Human Health Matrix								
Harm								
	Release	Harm						
	Major Moderate Minor							
OR	Actual	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> <tr> <td style="text-align: center;">x</td> <td></td> <td></td> </tr> </table>				x		
x								
	Potential	Percent <input type="text" value="50%"/>						
» Programmatic Matrix								
	Falsification	Major Moderate Minor						
OR	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>				Percent <input type="text"/>			
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.							
Adjustment		-\$500						
Base Penalty Subtotal		\$500						
Violation Events								
Number of Violation Events		1						
<i>mark only one; use small x</i>	daily	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> <tr> <td style="text-align: center;">x</td> <td></td> <td></td> </tr> </table>				x		
x								
	monthly							
	quarterly							
	semiannual	x						
	annual							
	single event							
Violation Base Penalty		\$500						
Events Notes	One semiannual event is recommended based on investigation (December 6, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.							
Economic Benefit (EB) for this violation		Statutory Limit Test						
Estimated EB Amount (\$)		\$163						
Violation Final Penalty total		\$500						
This Violation Final Assessed Penalty (adjusted for limits)		\$500						

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	6-Dec-2001	1-Mar-2002	0.2	\$8	\$155	\$163
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the ground storage tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 Docket Number 2003-0639-PWS-E **PCW**
 Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods) Revision 2 (09/02)
 Case ID No. 343 PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(i) and Order, Docket No. 31328-S

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description Failure to provide two or more wells having a total capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 168.6 gpm and was only providing 108 gpm, indicating a 36% deficiency.

Base Penalty \$1,000

» Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="25%"/>
Potential	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text"/>	

» Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
<input type="text"/>				

Matrix Notes Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input checked="" type="checkbox"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$250

Events Notes One quarterly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).

Economic Benefit (EB) for this violation Statutory Limit Test

Estimated EB Amount (\$) Violation Final Penalty total

This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$10,000	6-Dec-2001	1-Jan-2005	3.1	\$1,537	n/a	\$1,537

Notes for DELAYED costs

Estimated cost to provide adequate well and storage capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

Secondary Cite(s)

Violation Description

Base Penalty

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Release				
	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	<input checked="" type="text" value="x"/>	<input type="text"/>	Percent <input type="text" value="25%"/>

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>

Matrix Notes

Adjustment

Base Penalty Subtotal

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="text" value="x"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty

Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$)

Violation Final Penalty total

This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 3.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101239333; Public Water Supply ID 1870094

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 6

Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iii)

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description Failure to provide a total rated service pump capacity of 2.0 gpm per connection. The respondent is required to provide 562 gpm and was only providing 300 gpm, indicating a 46.6% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential		x	

Percent 25%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes

Three semiannual events are recommended based on investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Impala Woods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 6

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 4.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101239333 IMPALA WOODS WATER CO
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870094
Location: Off HW 190, Gazalle Rd., northwest of Onalaska, Polk Co.
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/06/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction

program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 5
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$3,100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

No Select Yes/No
 Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction **Subtotal 5** \$0

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+ \$0

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

\$4,143	Total EB Amounts	*Capped at the Total EB \$ Amount	=
\$16,100	Approx. Cost of Compliance		

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$3,100

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Notes: =
Final Penalty Amount \$3,100

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$3,100

DEFERRAL Deferral 20% Reduction **Adjustment** \$620

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 Notes: No previous NOVs for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,480

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Farm-to-Market Road 3126, five miles west of Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOV's with same or similar violations as those in the current enforcement action (number of NOV's meeting criteria)	0	0%
	Other written NOV's	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 1

Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iii) and Order, Docket No. 31328-S

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description Failure to provide a service pump capacity of 2.0 gpm per connection. The respondent is required to provide 230 gpm and was only providing 220 gpm, indicating a 4.3% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential			x

Percent 10%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$900

Base Penalty Subtotal \$100

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$100

Events Notes

One single event is recommended based on the Order extension deadline (March 31, 2003).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$100

This Violation Final Assessed Penalty (adjusted for limits) \$100

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$0

TOTAL \$0

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 2

Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(i)

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description
 Failure to provide two or more wells having a total capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 160 gpm and was only providing 142 gpm, indicating a 11.2% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential		x	

Percent 25%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes
 Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes
 Three semiannual events are recommended based on investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$4,022

Violation Final Penalty total \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$15,000	3-Jan-2002	1-Nov-2005	3.8	\$192	\$3,830	\$4,022
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional well, storage, and pump capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 3

Primary Rule Cite 30 Tex. Admin. Code § 290.109(c)(1)(A)

Secondary Cite(s) 30 Tex. Admin. Code § 290.110(c)(5)(A)

Violation Description
 Failure to adhere to the facility's site sampling plan. Specifically, the Respondent failed to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system. Failure to rotate samples sites for daily chlorine residual tests.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Actual				Percent 50%
	Potential	x			

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$500

Events Notes One semiannual event is recommended based on investigation (January 3, 2002) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$1

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	3-Jan-2002	1-Mar-2002	0.2	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description
Base Penalty

» Environmental, Property and Human Health Matrix

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="50%"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

» Programmatic Matrix

		Major	Moderate	Minor	
OR	Falsification	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>

Matrix Notes
Adjustment
Base Penalty Subtotal

Violation Events
Number of Violation Events

<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="text"/>
	single event	<input type="text"/>

Violation Base Penalty
Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**
Estimated EB Amount (\$) **Violation Final Penalty total**
This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$1,000	3-Jan-2002	24-Sep-2003	1.7	\$6	\$115	\$121
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to plug the well.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101253136; Public Water Supply ID 1870020
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble

Violation Number 5
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(ii) and Order, Docket No. 31328-S

Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)

Violation Description
 Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to provide 53,400 gallons and was only providing 45,600 gallons, indicating a 14.6% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual				Percent 25%
	Potential		x		

» **Programmatic Matrix**

Falsification		Major	Moderate	Minor	
OR					Percent

Matrix Notes
 Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty \$250

Events Notes
 One quarterly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$0 **Violation Final Penalty total** \$250

This Violation Final Assessed Penalty (adjusted for limits) \$250

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Hills #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer
Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101253136 INDIAN HILLS 2 WATER SYSTEM LL
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870020
Location: FM 1326, 5 miles W of Livingston
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 01/03/2002
Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H.
dates.

Voluntary on-site compliance assessment

N/A

I.
program.

Participation in a voluntary pollution reduction

N/A

J.

Early compliance:

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake Estates)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101456952; Public Water Supply ID 1870040

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E
 Case Priority 3 No. Violations 3
 Enf. Coordinator Audra L. Ruble Order Type 1660 with deferral
 Media Program(s) Public Water Supply EC's Team Enforcement Team 6
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$1,250

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes: No. The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 10% Reduction **Subtotal 5** -\$125

Notes: The Respondent submitted documentation in June 2003 demonstrating that compliance has been achieved. +

Extraordinary	Before NOV	NOV to EDPRP/Settlement Offer
Ordinary		X
None of the above		(mark with small x)

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

Notes: \$1,114 Total EB Amounts *Capped at the Total EB \$ Amount
 \$10,100 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$1,125

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Notes: Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Final Penalty Amount \$1,125

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$1,125

DEFERRAL 20% Reduction **Adjustment** \$225

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$900

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake Estates) on 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101456952; Public Water Supply ID 1870040
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off of Highway 190, 7.5 miles east of Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake)			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No. 101456952; Public Water Supply ID 1870040			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	1			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m) and Order, Docket No. 31328-S			
Secondary Cite(s)	30 Tex. Admin. Code § 290.46(t)			
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, it was noted that the ground storage tanks and the pressure tank were exhibiting signs of severe corrosion. Failure to provide a legible ownership sign that is located in plain view of the public.			
	Base Penalty			\$1,000
» Environmental, Property and Human Health Matrix				
	Harm			
	Release	Major	Moderate	Minor
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Percent			50%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Percent			<input type="text"/>
Matrix Notes	Human Health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.			
	Adjustment			-\$500
	Base Penalty Subtotal			\$500
Violation Events				
	Number of Violation Events			1
<i>mark only one; use small x</i>	daily	<input type="text"/>		
	monthly	<input checked="" type="checkbox"/>		
	quarterly	<input type="text"/>		
	semiannual	<input type="text"/>		
	annual	<input type="text"/>		
	single event	<input type="text"/>		
	Violation Base Penalty			\$500
Events Notes	One monthly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).			
Economic Benefit (EB) for this violation				
	Estimated EB Amount (\$)			\$1,112
		Statutory Limit Test		
		Violation Final Penalty total		\$450
		This Violation Final Assessed Penalty (adjusted for limits)		\$450

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	28-Nov-2001	1-Jul-2003	1.6	\$53	\$1,059	\$1,112
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the ground storage tank and pressure tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue-violet and red-orange regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy.

2. *Chlorophyll b* (Chl b) is an accessory pigment found in green plants and green algae. It absorbs light energy in the blue and orange-red regions of the spectrum. Chl b transfers the energy it absorbs to Chl a, which then uses it for photosynthesis. This broadens the range of light wavelengths that can be used by the plant.

3. *Carotenoids* are a group of pigments that include carotenes and xanthophylls. They absorb light energy in the blue and green regions of the spectrum. Carotenoids transfer energy to Chl a and Chl b. Additionally, they play a role in photoprotection by dissipating excess light energy as heat to prevent damage to the photosynthetic apparatus.

4. *Xanthophylls* are a subclass of carotenoids that include pigments like lutein and zeaxanthin. They are involved in the xanthophyll cycle, which helps regulate light absorption and protect the plant from oxidative damage under high light conditions.

5. *Anthocyanins* are water-soluble pigments that give plants red, purple, and blue colors. They are not directly involved in photosynthesis but can protect plants from UV radiation and herbivory.

6. *Betacyanins* are water-soluble pigments that give plants red and purple colors. They are primarily found in the roots of beets and other plants in the Amaranthaceae family.

7. *Flavonols* are a class of flavonoid pigments that give plants yellow and white colors. They are involved in UV protection and have antioxidant properties.

8. *Flavones* are a class of flavonoid pigments that give plants yellow and white colors. They are involved in UV protection and have antioxidant properties.

9. *Flavonols* are a class of flavonoid pigments that give plants yellow and white colors. They are involved in UV protection and have antioxidant properties.

10. *Flavones* are a class of flavonoid pigments that give plants yellow and white colors. They are involved in UV protection and have antioxidant properties.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101456952; Public Water Supply ID 1870040
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description
Base Penalty

» Environmental, Property and Human Health Matrix

Release	Harm		
	Major	Moderate	Minor
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Percent
OR
» Programmatic Matrix

Falsification	Major	Moderate	Minor
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Percent
Matrix Notes
Adjustment
Base Penalty Subtotal

Violation Events
Number of Violation Events
mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty
Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**
Estimated EB Amount (\$) **Violation Final Penalty total**
This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	28-Nov-2001	1-Mar-2002	0.3	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct proper sampling and maintain records.

Avoided Costs		ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)					
Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

--

Approx Cost of Compliance \$100 TOTAL \$1

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101456952; Public Water Supply ID 1870040		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	3	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(f)(2)	
Secondary Cite(s)		
Violation Description	Failure to maintain records of annual pressure tank inspections. Specifically, during the investigation the tank inspection records for the 0.006 MG pressure tank at the Ole Don Plant were not available for review.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input type="text"/> <input type="text"/> <input type="text"/>
Percent		<input type="text"/>
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Percent		25%
Matrix Notes	100% of the rule requirement was not met.	
Adjustment		-\$750
Base Penalty Subtotal		\$250
Violation Events		
Number of Violation Events		1
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input checked="" type="checkbox"/>
Violation Base Penalty		\$250
Events Notes	One single event is recommended based on the date of investigation (November 28, 2001).	
Economic Benefit (EB) for this violation		
Statutory Limit Test		
Estimated EB Amount (\$)		\$0
Violation Final Penalty total		\$225
This Violation Final Assessed Penalty (adjusted for limits)		\$225

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Indian Springs Lake Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101456952 INDIAN SPRINGS LAKE ESTATE LL
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870040
Location: Off HW 190, 7.5 miles E of Livingston
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
 - 1 11/28/2001
 - 2 01/30/2004
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H.
dates.

Voluntary on-site compliance assessment

N/A

I.
program.

Participation in a voluntary pollution reduction

N/A

J.

Early compliance:

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates No. 2 & 3)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101454866; Public Water Supply ID 1870073

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343 No. Violations 3

Docket No. 2003-0639-PWS-E Order Type 1660 with deferral

Case Priority 3 EC's Team Enforcement Team 6

Enf. Coordinator Audra L. Ruble

Media Program(s) Public Water Supply

Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$700

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes No Select Yes/No The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+
Notes	The Respondent has not yet achieved compliance.		

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$2,718	Total EB Amounts		
\$15,000	Approx. Cost of Compliance	* <td style="text-align: center;">=</td>	=

SUM OF SUBTOTALS 1-7 Final Subtotal \$700

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes =

Final Penalty Amount \$700

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$700

DEFERRAL Deferral 20% Reduction Adjustment \$140

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$560

Screening Date 10-Apr-2003

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates No. 2 & 3) 2 (09/02)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101454866; Public Water Supply ID 1870073

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Site Address One mile north of Lake Livingston dam on Farm-to-Market Road 1988, near Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOV's with same or similar violations as those in the current enforcement action (number of NOV's meeting criteria)	0	0%
	Other written NOV's	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an Intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Please enter Yes or No

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Revision 2 (09/02)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101454866; Public Water Supply ID 1870073

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

30 Tex. Admin. Code §290.46(m)

Secondary Cite(s)

Violation Description

Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, it was noted that the sagging barb wire on the fence needed to be replaced, the base of the ground storage tank vent was corroded, and the ground storage tank roof hatch needed to be sealed to prevent the entry of insects and other contaminants.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

OR	Release	Major	Moderate	Minor	Percent
	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Potential		x	<input type="text"/>	<input type="text"/>	50%

» **Programmatic Matrix**

OR	Falsification	Major	Moderate	Minor	Percent
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Matrix Notes

Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	x
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$500

Events Notes

One semiannual event is recommended based on investigation (December 19, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$69

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates No. 2 & 3)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	19-Dec-2001	1-Mar-2002	0.2	\$3	\$66	\$69
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to correct maintenance deficiencies.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$69

Screening Date 10-Apr-03

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston E revision 2 (09/02)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101454866; Public Water Supply ID 1870073

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

2

Primary Rule Cite

30 Tex. Admin. Code § 290.45(b)(1)(C)(i)

Secondary Cite(s)

Tex. Health & Safety Code § 341.0315(c)

Violation Description

Failure to provide a well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 64.8 gpm and was only providing 60 gpm, indicating a 7.4% deficiency.

Base Penalty

\$1,000

» Environmental, Property and Human Health Matrix

Harm

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				10%
Potential			x	

» Programmatic Matrix

Falsification	Harm			Percent
	Major	Moderate	Minor	

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$900

Base Penalty Subtotal

\$100

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty

\$100

Events Notes

One single event is recommended based on date of investigation (December 19, 2001).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$2,648

Violation Final Penalty total

\$100

This Violation Final Assessed Penalty (adjusted for limits)

\$100

Economic Benefit Worksheet

Respondent: Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates No. 2 & 3)

ID Number(s): 343

Media [Statute]: Public Water Supply

Violation Number: 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	19-Dec-2001	30-Sep-2005	3.8	\$126	\$2,522	\$2,648
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well and pump capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance **\$10,000**

TOTAL \$2,648

Screening Date 10-Apr-03

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston **Revision 2 (09/02)**)

Case ID No. 343

PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101454866; Public Water Supply ID 1870073

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

30 Tex. Admin. Code § 290.45(b)(1)(C)(iii)

Secondary Cite(s)

Tex. Health & Safety Code § 341.0315(c)

Violation Description

Failure to provide two or more service pumps having a total capacity of 2 gpm per connection. The respondent is required to provide 216 gpm and was only providing 195 gpm, indicating a 9.7% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	10%
Potential	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	

» **Programmatic Matrix**

Falsification	Harm			Percent
	Major	Moderate	Minor	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$900

Base Penalty Subtotal \$100

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input checked="" type="checkbox"/>

Violation Base Penalty \$100

Events Notes

One single event is recommended based on date of investigation (December 19, 2001).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$)

Violation Final Penalty total \$100

This Violation Final Assessed Penalty (adjusted for limits) \$100

Economic Benefit Worksheet

Respondent: Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates No. 2 & 3)
ID Number(s): 343
Media [Statute]: Public Water Supply
Violation Number: 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101454866 LAKE LIVINGSTON ESTATES 2 & 3
Classification: Site Rating: 0.00
ID Number(s):PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870073
Location: 1 mile N of Lake Livingston on FM 1988, Polk Co.
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/19/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H.
dates.

Voluntary on-site compliance assessment

N/A

I.
program.

Participation in a voluntary pollution reduction

N/A

J.

Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates 4 & 5)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.103129342; Public Water Supply ID 1870027

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343 No. Violations 3

Docket No. 2003-0639-PWS-E Order Type 1660 with deferral

Case Priority 3 EC's Team Enforcement Team 6

Enf. Coordinator Audra L. Rubie

Media Program(s) Public Water Supply

Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$1,750

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: No Select Yes/No
The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 10% Reduction Subtotal 5 -\$175

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary	<input type="checkbox"/>	<input type="checkbox"/>	
Ordinary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
None of the above	<i>(mark with small x)</i>		+

Notes: The Respondent submitted correspondence dated September 24, 2003 demonstrating that compliance has been achieved.

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$893	Total EB Amounts	*	Capped at the Total EB \$ Amount	
\$7,100	Approx. Cost of Compliance			=

SUM OF SUBTOTALS 1-7 Final Subtotal \$1,575

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. *(enter number only; e.g. -30 for -30%)*

Notes: =

Final Penalty Amount \$1,575

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$1,575

DEFERRAL Deferral 20% Reduction Adjustment \$315

Reduces the Final Assessed Penalty by the indicated percentage. *(enter number only; e.g. 20 for 20% reduction)*

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$1,260

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates 4 & 5) **n 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.103129342; Public Water Supply ID 1870027
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Located off of 190 west, Farm-to-Market Road 3126 South, off of Lake Livingston Blvd, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgements or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03

Docket Number 2003-0639-PWS-E

PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston E

Case ID No. 343

Revision 2 (09/02)
PCW-Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.103129342; Public Water Supply ID 1870027

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

1

Primary Rule Cite

30 Tex. Admin. Code §§ 290.46(m) and 290.43(c)(3), and Order, Docket No. 31328-S

Secondary Cite(s)

30 Tex. Admin. Code § 290.41(c)(3)(J)

Violation Description

Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. This includes repair of the roof hatch on the ground storage tank. Failure to equip the ground storage tank at Plant #2 with a proper hinged flap valve. During the investigation, it was noted that the hinged flap valve on the overflow of the 0.068 MG ground storage tank at Plant 2 would not open and close. Failure to repair the cracked concrete sealing block on well number one.

Base Penalty

\$1,000

» Environmental, Property and Human Health Matrix

Harm

Release	Major	Moderate	Minor
Actual			
Potential	x		

OR

Percent 50%

» Programmatic Matrix

Falsification	Major	Moderate	Minor

OR

Percent

Matrix Notes

Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal

\$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty

\$500

Events Notes

One monthly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$255

Violation Final Penalty total

\$450

This Violation Final Assessed Penalty (adjusted for limits)

\$450

Economic Benefit Worksheet

Respondent: Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates 4 & 5)

ID Number(s): 343

Media [Statute]: Public Water Supply

Violation Number: 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$2,000	29-Nov-2001	24-Sep-2003	1.8	\$12	\$243	\$255
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to correct maintenance deficiencies.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$2,000

TOTAL \$255

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston E revision 2 (09/02)

Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.103129342; Public Water Supply ID 1870027

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number

Primary Rule Cite

Secondary Cite(s)

Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
Potential	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text"/>

Percent 25%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Percent

Matrix Notes

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$750

Events Notes

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$)

Violation Final Penalty total

This Violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent: Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates 4 & 5)

ID Number(s): 343

Media [Statute]: Public Water Supply

Violation Number: 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	29-Nov-2001	24-Sep-2003	1.8	\$30	\$606	\$637
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide required well capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$637

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston E^{vision} 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.103129342; Public Water Supply ID 1870027

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 3

Primary Rule Cite 30 Tex. Admin. Code § 290.110(c)(5)(A)

Secondary Cite(s)

Violation Description Failure to adhere to the facility's site sampling plan. Specifically, the Respondent failed to rotate sample sites for daily chlorine residual tests.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential	x		

Percent 50%

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$500

Events Notes One semiannual event is recommended based on investigation (November 29, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$1

Violation Final Penalty total \$450

This Violation Final Assessed Penalty (adjusted for limits) \$450

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Livingston Estates 4 & 5)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	29-Nov-2001	1-Mar-2002	0.3	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct proper sampling.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$100

TOTAL \$1

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer
Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN103129342 LAKE LIVINGSTON ESTATES 4 & 5
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870027
Location: Off HWY 190W, FM 3126 S, off Lake Livingston Blvd.
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 11/29/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction

program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES	
PCW	1-Oct-2004
Screening	10-Apr-2003
Priority Due	8-Aug-2003
EPA Due	
RESPONDENT INFORMATION	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)
Respondent/Site ID No(s)	Customer No. 600623029; Regulated Entity No.101269694; Public Water Supply ID 2040009
Facility/Site Region	10 - Beaumont
Major/Minor Source	Major
CASE INFORMATION	
Enf./Case ID No(s)	343
Docket No.	2003-0639-PWS-E
Case Priority	3
Enf. Coordinator	Audra L. Ruble
Media Program(s)	Public Water Supply
Admin. Penalty \$ Limit	Minimum \$50 Maximum \$1,000
No. Violations	2
Order Type	1660 with deferral
EC's Team	Enforcement Team 6

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 10% Reduction Subtotal 5 -\$50

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary	<input type="checkbox"/>	<input type="checkbox"/>	
Ordinary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
None of the above	(mark with small x)		

Notes: Investigation conducted on January 2, 2004 documented that the Respondent has returned to compliance. +

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$694 Total EB Amounts	*Capped at the Total EB \$ Amount	
\$5,000 Approx. Cost of Compliance	=	

SUM OF SUBTOTALS 1-7 Final Subtotal \$450

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: =

Final Penalty Amount \$450

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$450

DEFERRAL 20% Reduction Adjustment \$90

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$360

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)			Policy Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101269694; Public Water Supply ID 2040009			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	Two miles east of Highway 59 on Farm-to-Market Road 223, near Shepherd, San Jacinto County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101269694; Public Water Supply ID 2040009		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	1	
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(ii) and Order, Docket No. 31328-S	
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)	
Violation Description	Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to provide 38,400 gallons of total storage capacity and was only providing 24,000 gallons, indicating a 37.5% deficiency.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Harm
	Major	Moderate
	Minor	
OR	Actual	Potential
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Percent 25%	
» Programmatic Matrix		
	Falsification	Major
	Moderate	Minor
OR	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	Percent	
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.	
Adjustment		-\$750
Base Penalty Subtotal		\$250
Violation Events		
Number of Violation Events		1
<i>mark only one; use small x</i>	daily	<input type="checkbox"/>
	monthly	<input type="checkbox"/>
	quarterly	<input checked="" type="checkbox"/>
	semiannual	<input type="checkbox"/>
	annual	<input type="checkbox"/>
	single event	<input type="checkbox"/>
Violation Base Penalty		\$250
Events Notes	One quarterly event is recommended from the Order extension deadline (March 31, 2003) to screening (April 10, 2003).	
Economic Benefit (EB) for this violation		Statutory Limit Test
Estimated EB Amount (\$)	\$694	Violation Final Penalty total \$225
This Violation Final Assessed Penalty (adjusted for limits)		\$225

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It discusses how the collected data is used to identify trends, assess risks, and make strategic decisions that align with the organization's goals.

4. The fourth part of the document addresses the challenges and limitations of data analysis. It notes that while data provides valuable insights, it is not infallible and must be interpreted with care, taking into account potential biases and uncertainties.

5. The fifth part of the document discusses the future of data analysis and the role of emerging technologies. It mentions that as technology continues to advance, the capabilities of data analysis will expand, allowing for more sophisticated and predictive modeling.

6. The sixth part of the document provides a summary of the key findings and conclusions. It reiterates the importance of a data-driven approach and the need for ongoing monitoring and evaluation to ensure the effectiveness of the data analysis process.

7. The seventh part of the document offers recommendations for further research and implementation. It suggests that organizations should invest in training and resources to build a strong data culture and explore new applications of data analysis in their respective fields.

8. The eighth part of the document concludes with a final statement on the value of data analysis. It states that by leveraging data effectively, organizations can gain a competitive edge, improve their operational efficiency, and achieve their long-term strategic objectives.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	8-Jan-2002	2-Jan-2004	2.0	\$33	\$661	\$694
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate storage capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW							
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)	Revision 2 (09/02)								
Case ID No. 343	PCW Revision 2/10/2004								
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101269694; Public Water Supply ID 2040009									
Media [Statute] Public Water Supply									
Enf. Coordinator Audra L. Ruble									
Violation Number	2								
Primary Rule Cite	30 Tex. Admin. Code § 290.43(c)(5)								
Secondary Cite(s)									
Violation Description	Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank.								
Base Penalty		\$1,000							
» Environmental, Property and Human Health Matrix									
Harm									
	Release	Major Moderate Minor							
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> </table>							
	Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px; text-align: center;">x</td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> </table>		x					
x									
		Percent 25%							
» Programmatic Matrix									
	Falsification	Major Moderate Minor							
OR	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> </table>				<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="width: 50px; height: 15px;"></td></tr> </table>				
		Percent							
Matrix Notes	Failure to locate the inlet and outlet connections to the ground storage tank could expose human health to significant amounts of pollutants which would not exceed levels that are protective of human health.								
Adjustment		-\$750							
Base Penalty Subtotal		\$250							
Violation Events									
Number of Violation Events		1							
<i>mark only one; use small x</i>	daily	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td></tr> </table>							
	monthly								
	quarterly	x							
	semiannual								
	annual								
	single event								
		Violation Base Penalty \$250							
Events Notes	One quarterly event is recommended from date of investigation (January 8, 2002) to compliance date (March 1, 2002).								
Economic Benefit (EB) for this violation		Statutory Limit Test							
Estimated EB Amount (\$)	\$0	Violation Final Penalty total \$225							
This Violation Final Assessed Penalty (adjusted for limits)		\$225							

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Run-A-Muck)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs
 Economic benefit is addressed under violation 1.

Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$0 **TOTAL** \$0

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. This includes both qualitative and quantitative approaches, as well as the use of advanced statistical tools and software.

3. The third part of the document focuses on the interpretation and application of the collected data. This involves identifying key trends, patterns, and insights that can inform decision-making and strategic planning.

4. The fourth part of the document discusses the challenges and limitations of data analysis. This includes issues such as data quality, bias, and the potential for overfitting, as well as the need for ongoing monitoring and evaluation.

5. The final part of the document provides a summary of the key findings and conclusions. This highlights the overall impact of the data analysis and offers recommendations for future research and practice.

6. The document also includes a detailed list of references and sources used in the research. This ensures that all information is properly cited and that the work is grounded in established knowledge and theory.

7. Additionally, the document contains several appendices and supplementary materials. These include raw data sets, detailed calculations, and additional charts and graphs that provide further context and detail for the main findings.

8. The document is written in a clear and concise style, using plain language to explain complex concepts and findings. This makes it accessible to a wide range of readers, including those who may not have a background in data analysis.

9. Finally, the document is structured to be easy to navigate and read. It includes a table of contents, clear section headings, and a logical flow of information that guides the reader through the entire study.

10. The document is a comprehensive and thorough work that provides a detailed and insightful look into the world of data analysis. It is a valuable resource for anyone interested in this field and offers a wealth of information and insights that can be applied in a variety of contexts.

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101269694 LAKE RUN A MUCK
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040009
Location: FM 223, LIVINGSTON, TX, 77351
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
 - 1 03/03/2004
 - 2 10/03/2000
 - 3 01/08/2002
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSS).

N/A

H. Voluntary on-site compliance assessment
dates.

N/A

I. Participation in a voluntary pollution reduction
program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Oct-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101272292; Public Water Supply ID 2040025
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 2
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$1,250

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

No Select Yes/No
 Notes The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+ \$0

Notes The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$1,046	Total EB Amounts	*Capped at the Total EB \$ Amount	
\$5,100	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal \$1,250

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Notes =
Final Penalty Amount \$1,250

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$1,250

DEFERRAL Deferral 20% Reduction Adjustment \$250

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 Notes No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$1,000

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Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101272292; Public Water Supply ID 2040025
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Four miles east of Shepherd off Highway 59 North, San Jacinto County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101272292; Public Water Supply ID 2040025			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	1			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(b)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(c)			
Violation Description	Failure to take the proper number of raw water samples in May 2001. The Respondent is required to take one raw water sample per month and no sample was taken in May 2001.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual				Percent <input type="text" value="50%"/>
	Potential	x			

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent <input type="text"/>

Matrix Notes Human Health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	x
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$500

Events Notes One monthly event is recommended based on the May 2001 monitoring period, as documented during the investigation conducted on January 7, 2002.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas)
 ID Number(s) 343
 Media [Statute] Public Water Supply
 Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	1-May-2001	1-Jun-2001	0.1	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to collect raw water samples.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$100

TOTAL \$0

2000-2001

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101272292; Public Water Supply ID 2040025			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	2			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(i)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a minimum well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 56.4 gpm and currently provides 39 gpm, indicating a 31% deficiency.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percent 25%
	Potential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

» **Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
OR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percent

Matrix Notes
Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

<i>mark only one; use small x</i>	daily	<input type="checkbox"/>
	monthly	<input type="checkbox"/>
	quarterly	<input type="checkbox"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="checkbox"/>
	single event	<input type="checkbox"/>

Violation Base Penalty \$750

Events Notes
Three semiannual events are recommended from investigation (January 7, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$1,045	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Lake Tejas)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	7-Jan-2002	1-Jan-2005	3.0	\$50	\$995	\$1,045
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It highlights the importance of using reliable sources and ensuring the accuracy of the information gathered.

3. The final part of the document provides a summary of the key findings and conclusions drawn from the research. It discusses the implications of the results and offers recommendations for future studies.

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101272292 LAKE TEJAS
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040025
Location: 4 miles east of Shepherd off US 59 North
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 01/07/2002
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)

Respondent/Site ID No(s). Customer No. 600623029; Regulated Entity No.101242006; Public Water Supply ID 2040013

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s). 343 Docket No. 2003-0639-PWS-E No. Violations 3

Case Priority 3 Order Type 1660 with deferral

Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6

Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$3,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes No enhancement recommended due to compliance history.

Culpability 0% Enhancement Subtotal 4 \$0

No Select Yes/No
 Notes The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+
Notes	The Respondent is not yet in compliance.		

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$1,274	Total EB Amounts	*Capped at the Total EB \$ Amount	
\$7,000	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal \$3,000

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes =

Final Penalty Amount \$3,000

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$3,000

DEFERRAL Deferral 20% Reduction Adjustment \$600

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,400

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)	Policy Revision 2 (09/02)		
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101242006; Public Water Supply ID 2040013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	On Highway 190 East, 1.5 miles east of Point Blank, San Jacinto County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgements or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No **Adjustment Percentage (Subtotal 3) 0%**

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor **Adjustment Percentage (Subtotal 7) 0%**

Compliance History Summary

Compliance History Notes No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101242006; Public Water Supply ID 2040013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	1			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(A)(i)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 113 gpm and currently provides 97 gpm, indicating an 14.2% deficiency.			
	Base Penalty	\$1,000		

» Environmental, Property and Human Health Matrix				
	Harm			
	Release	Major	Moderate	Minor
OR	Actual			
	Potential		x	
				Percent 25%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR				
				Percent
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.			
	Adjustment	-\$750		
	Base Penalty Subtotal	\$250		

Violation Events				
	Number of Violation Events	3		
<i>mark only one; use small x</i>	daily			
	monthly			
	quarterly			
	semiannual	x		
	annual			
	single event			
				Violation Base Penalty \$750
Events Notes	Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.			

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$1,062	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	20-Dec-2001	1-Jan-2005	3.0	\$51	\$1,012	\$1,062
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate well capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$1,062

THE UNIVERSITY OF CHICAGO

PH.D. THESIS

BY

JOHN H. COOPER

IN THE DEPARTMENT OF CHEMISTRY

1954

CHICAGO, ILLINOIS

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Northwoods) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101242006; Public Water Supply ID 2040013
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 2
Primary Rule Cite 30 Tex. Admin. Code § 290.43(c)(5)
Secondary Cite(s)
Violation Description Failure to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Release				
	Actual				
	Potential		x		Percent 25%

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes Failure to locate the inlet and outlet connections to the ground storage tank could expose human health to significant amounts of pollutants which would not exceed levels that are protective of human health.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$123	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$1,000	20-Dec-2001	24-Sep-2003	1.8	\$6	\$117	\$123
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to relocate the connections of the ground storage tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

THE PROBLEM OF THE PHYSICIAN

The physician's problem is a complex one, involving the relationship between the individual and the community, the state, and the profession. It is a problem that has become increasingly acute in the modern world, where the physician is no longer a simple craftsman, but a professional who is expected to perform a public service.

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)	Revision 2 (09/02)		
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101242006; Public Water Supply ID 2040013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	3			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]			
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(a)			
Violation Description	Failure to provide a class C certified operator.			
			Base Penalty	\$1,000
» Environmental, Property and Human Health Matrix				
Harm				
	Release	Major	Moderate	Minor
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	x	<input type="text"/>	<input type="text"/>
			Percent	50%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
			Percent	<input type="text"/>
Matrix Notes	By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.			
			Adjustment	-\$500
			Base Penalty Subtotal	\$500
Violation Events				
Number of Violation Events		3		
<i>mark only one; use small x</i>	daily	<input type="text"/>		
	monthly	<input type="text"/>		
	quarterly	<input type="text"/>		
	semiannual	x		
	annual	<input type="text"/>		
	single event	<input type="text"/>		
			Violation Base Penalty	\$1,500
Events Notes	Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.			
Economic Benefit (EB) for this violation		Statutory Limit Test		
Estimated EB Amount (\$)	\$88	Violation Final Penalty total	\$1,500	
			This Violation Final Assessed Penalty (adjusted for limits)	\$1,500

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and integration. It provides strategies to overcome these challenges and ensure the integrity and availability of data.

5. The fifth part of the document discusses the importance of data governance and compliance. It outlines the necessary policies and procedures to ensure that data is handled in a responsible and lawful manner, in accordance with applicable regulations.

6. The sixth part of the document explores the future of data management and analysis. It discusses emerging trends and technologies that are expected to shape the data landscape in the coming years.

7. The seventh part of the document provides a summary of the key findings and recommendations. It emphasizes the need for a holistic approach to data management that encompasses all aspects of the organization's data lifecycle.

8. The eighth part of the document includes a list of references and sources used in the research. It provides a comprehensive overview of the literature and resources that informed the analysis and conclusions.

9. The ninth part of the document contains a list of appendices and supplementary materials. These materials provide additional details and data that support the main findings and conclusions of the document.

10. The tenth part of the document includes a list of figures and tables. These visual elements present complex data in a clear and concise manner, making it easier to understand and interpret the results of the analysis.

11. The eleventh part of the document contains a list of footnotes and endnotes. These notes provide additional context and information related to the main text, helping to clarify any ambiguities or address specific points of interest.

12. The twelfth part of the document includes a list of acknowledgments. It expresses gratitude to the individuals and organizations that provided support, resources, and expertise throughout the research and writing process.

13. The thirteenth part of the document contains a list of contact information for the authors and other relevant parties. This information is provided to facilitate communication and collaboration with those interested in the research or the document.

14. The final part of the document is a list of page numbers and a table of contents. This section provides a quick reference for the location of each section and page within the document, making it easier to navigate and find the information needed.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Northwoods)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	20-Dec-2001	24-Sep-2003	1.8	\$88	n/a	\$88

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$1,000

TOTAL \$88

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are listed below each name. The list includes names such as Mr. J. H. Smith, Mr. W. B. Jones, and Mr. C. D. Brown.

2. The second part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of Chairman. The names are listed in alphabetical order, and the addresses are listed below each name. The list includes names such as Mr. J. H. Smith, Mr. W. B. Jones, and Mr. C. D. Brown.

3. The third part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of Secretary.

4. The fourth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of Treasurer.

5. The fifth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of Auditor.

6. The sixth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of Clerk.

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101242006 NORTHWOODS
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040013
Location: ON US HWY 190 EAST; 1.5 MILES EAST OF POINT BLANK
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/20/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction

program.

N/A

J. Early compliance:

N/A

Sites Outside of Texas

N/A



Policy Revision 2 (09/02)

Penalty Calculation Worksheet (PCW)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 7
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$4,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

Notes: The Respondent is not yet in compliance. +

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$3,266 Total EB Amounts *Capped at the Total EB \$ Amount
 \$25,200 Approx. Cost of Compliance =

SUM OF SUBTOTALS 1-7 Final Subtotal \$4,500

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
 Final Penalty Amount \$4,500

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$4,500

DEFERRAL Deferral 20% Reduction Adjustment \$900

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
 Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$3,600

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)			on 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	On Lake Livingston, south of Farm-to-Market Road 2457, near Livingston, Polk County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action <i>(number of NOVs meeting criteria)</i>	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability <i>(number of orders meeting criteria)</i>	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government <i>(number of judgements or consent decrees meeting criteria)</i>	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government <i>(number of counts)</i>	0	0%
Emissions	Chronic excessive emissions events <i>(number of events)</i>	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 <i>(number of audits for which notices were submitted)</i>	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 <i>(number of audits for which violations were disclosed)</i>	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2)

>> **Repeat Violator (Subtotal 3)**

Adjustment Percentage (Subtotal 3)

>> **Compliance History Person Classification (Subtotal 7)**

Adjustment Percentage (Subtotal 7)

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7)

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Treatment Plant) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 1
Primary Rule Cite 30 Tex. Admin. Code § 290.109(c)(1)(A)
Secondary Cite(s)
Violation Description Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. At the time of the investigation, 8 of 12 bacteriological samples were collected from only two locations on the sample site map.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual				
	Potential	x			Percent 50%

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty \$500

Events Notes One quarterly event is recommended from date of investigation (January 3, 2002) to compliance date (March 1, 2002).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$1

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	3-Jan-2002	1-Mar-2002	0.2	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Supply)		Revision 2 (09/02)
Case ID No. 343		PCW Revision 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	2	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m)	
Secondary Cite(s)		
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. At the time of the investigation, the ground storage tank and pressure tank were corroded.	
	Base Penalty	\$1,000
» Environmental, Property and Human Health Matrix		
	Harm	
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	Percent	50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
	Percent	<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.	
	Adjustment	-\$500
	Base Penalty Subtotal	\$500
Violation Events		
	Number of Violation Events	1
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input checked="" type="checkbox"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
	Violation Base Penalty	\$500
Events Notes	One quarterly event is recommended based on investigation (January 3, 2002) to compliance date (March 1, 2002).	
Economic Benefit (EB) for this violation		
	Estimated EB Amount (\$)	\$109
	Statutory Limit Test	
	Violation Final Penalty total	\$500
	This Violation Final Assessed Penalty (adjusted for limits)	
		\$500

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It discusses how data can be used to identify trends, forecast future performance, and optimize resource allocation across different departments and projects.

4. The fourth part of the document addresses the challenges associated with data management and analysis. It identifies common issues such as data quality, integration, and security, and provides strategies to overcome these challenges effectively.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of a continuous learning and improvement mindset, where data is used not just for reporting but for driving innovation and growth in the organization.

6. The sixth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection protocols.

7. The seventh part of the document discusses the various methods used for data analysis, ranging from descriptive statistics to more complex multivariate techniques. It also touches upon the use of data visualization tools to present findings in a clear and accessible manner.

8. The eighth part of the document explores the role of data in strategic planning and decision-making. It discusses how data can be used to identify opportunities, assess risks, and develop data-driven strategies that align with the organization's overall mission and vision.

9. The ninth part of the document addresses the ethical considerations surrounding data collection and analysis. It emphasizes the importance of transparency, informed consent, and data protection, and provides guidelines for ensuring that data is used responsibly and ethically.

10. The final part of the document provides a summary of the key takeaways and offers suggestions for further research and development in the field of data management and analysis. It encourages organizations to embrace a data-driven culture and to continuously seek ways to improve their data practices.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	3-Jan-2002	1-Mar-2002	0.2	\$5	\$104	\$109
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the ground storage tank and pressure tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Supply)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	3	
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(i)	
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)	
Violation Description	Failure to provide a well capacity of 0.6 gallons per minute ("gpm") per connection. The respondent is required to provide 118.2 gpm and was only providing 43 gpm, indicating a 63.6% deficiency.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Percent		50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Percent		<input type="text"/>
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.	
Adjustment		-\$500
Base Penalty Subtotal		\$500
Violation Events		
Number of Violation Events		3
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
Violation Base Penalty		\$1,500
Events Notes	Three semiannual events are recommended based on investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.	
Economic Benefit (EB) for this violation		Statutory Limit Test
Estimated EB Amount (\$)		\$3,147
Violation Final Penalty total		\$1,500
This Violation Final Assessed Penalty (adjusted for limits)		\$1,500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$15,000	3-Jan-2002	1-Jan-2005	3.0	\$150	\$2,997	\$3,147
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional well, storage, and pressure tank capacities.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$15,000

TOTAL \$3,147

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Supply)		Revision 2 (09/02)
Case ID No. 343		PCW Revision 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	4	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(f)(2)	
Secondary Cite(s)		
Violation Description	Failure to maintain records of annual pressure tank inspections. During the investigation, it was noted that the water system did not have a pressure tank inspection on file for the system's pressure tank.	
	Base Penalty	\$1,000
» Environmental, Property and Human Health Matrix		
	Harm	
	Release	Major Moderate Minor
OR	Actual	
	Potential	
	Percent	
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR		x
	Percent	25%
Matrix Notes	100% of the rule requirement was not met.	
	Adjustment	-\$750
	Base Penalty Subtotal	\$250
Violation Events		
	Number of Violation Events	1
<i>mark only one; use small x</i>	daily	
	monthly	
	quarterly	
	semiannual	
	annual	
	single event	x
	Violation Base Penalty	\$250
Events Notes	One single event is recommended based on the date of investigation (January 3, 2002).	
Economic Benefit (EB) for this violation		
	Estimated EB Amount (\$)	\$9
	Statutory Limit Test	
	Violation Final Penalty total	\$250
	This Violation Final Assessed Penalty (adjusted for limits)	\$250

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 4

Percent Interest

Years of Depreciation

5.0

15

Item Description

Item Cost
No commas or \$

Date Required

Final Date

Yrs

Interest Saved

Onetime Costs

EB Amount

Delayed Costs

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	3-Jan-2002	24-Sep-2003	1.7	\$9	n/a	\$9

Notes for DELAYED costs

Estimated cost to maintain record of inspections.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Supply) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101259539; Public Water Supply ID 1870013
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 5
Primary Rule Cite 30 Tex. Admin. Code §§ 290.43(c)(1) and (5)
Secondary Cite(s)
Violation Description Failure to ensure that the ground storage tank vent is designed to prevent possible entry of dust, birds, insects or any contaminants. The opening must be protected by a 16-mesh or finer corrosion resistant screening. Failure to properly locate the inlet and outlet connections on the ground storage tank so as to prevent short circuiting or stagnation of water within the tank.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Release Actual				Percent 25%
	Potential		x		

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes Failure to locate the inlet and outlet connections to the ground storage tank could expose human health to significant amounts of pollutants which would not exceed levels that are protective of human health.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty \$250

Events Notes One quarterly event is recommended based on investigation (January 3, 2002) to compliance date (March 1, 2002) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$0 **Violation Final Penalty total** \$250

This Violation Final Assessed Penalty (adjusted for limits) \$250

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water)			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	6			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(ii)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to provide 39,400 gallons and was only providing 24,000 gallons, indicating a 39.1% deficiency.			
		Base Penalty		\$1,000

» Environmental, Property and Human Health Matrix				
	Harm			
	Release	Major	Moderate	Minor
OR	Actual			
	Potential		x	
				Percent 25%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR				
				Percent
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.			
		Adjustment		-\$750
		Base Penalty Subtotal		\$250

Violation Events				
	Number of Violation Events	3		
<i>mark only one; use small x</i>	daily			
	monthly			
	quarterly			
	semiannual	x		
	annual			
	single event			
			Violation Base Penalty	\$750

Events Notes	Three semiannual events are recommended based on investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.
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Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$)	\$0
Violation Final Penalty total	\$750
This Violation Final Assessed Penalty (adjusted for limits)	\$750

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 6

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 3.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

THE UNIVERSITY OF CHICAGO

PHILOSOPHY DEPARTMENT

PHILOSOPHY 101: INTRODUCTION TO PHILOSOPHY

LECTURE 1: THE PHENOMENON OF CONSCIOUSNESS

What is consciousness? Is it a state of mind? A process? A property? This lecture explores the various ways in which philosophers have tried to understand the nature of consciousness. We will look at the work of Descartes, Locke, Berkeley, and Kant, and we will see how their theories have shaped the way we think about the mind today.

Descartes' dualism
Locke's empiricism
Berkeley's idealism
Kant's transcendentalism

PHILOSOPHY 102: THE FOUNDATIONS OF ETHICS

LECTURE 2: THE NATURE OF ETHICS

What is the nature of ethics? Is it a science? An art? A craft? This lecture explores the various ways in which philosophers have tried to understand the nature of ethics. We will look at the work of Aristotle, Kant, and Mill, and we will see how their theories have shaped the way we think about ethics today.

Aristotle's virtue ethics
Kant's deontological ethics
Mill's utilitarianism

PHILOSOPHY 103: THE FOUNDATIONS OF LOGIC

LECTURE 3: THE NATURE OF LOGIC

What is the nature of logic? Is it a science? An art? A craft? This lecture explores the various ways in which philosophers have tried to understand the nature of logic. We will look at the work of Aristotle, Frege, and Russell, and we will see how their theories have shaped the way we think about logic today.

Aristotle's syllogistic logic
Frege's predicate logic
Russell's propositional logic

PHILOSOPHY 104: THE FOUNDATIONS OF METAPHYSICS

LECTURE 4: THE NATURE OF METAPHYSICS

What is the nature of metaphysics? Is it a science? An art? A craft? This lecture explores the various ways in which philosophers have tried to understand the nature of metaphysics. We will look at the work of Aristotle, Kant, and Heidegger, and we will see how their theories have shaped the way we think about metaphysics today.

Aristotle's metaphysics
Kant's transcendental metaphysics
Heidegger's phenomenological metaphysics

PHILOSOPHY 105: THE FOUNDATIONS OF POLITICAL PHILOSOPHY

LECTURE 5: THE NATURE OF POLITICAL PHILOSOPHY

What is the nature of political philosophy? Is it a science? An art? A craft? This lecture explores the various ways in which philosophers have tried to understand the nature of political philosophy. We will look at the work of Aristotle, Locke, and Rawls, and we will see how their theories have shaped the way we think about political philosophy today.

Aristotle's political philosophy
Locke's liberal political philosophy
Rawls's justice as fairness

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water Supply)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101259539; Public Water Supply ID 1870013			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	7			
Primary Rule Cite	30 Tex. Admin. Code §§ 290.45(b)(1)(C)(iv)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a pressure tank capacity of 20 gallons per connection. The respondent is required to provide 3940 gallons per connection and was only providing 3000 gallons per connection, indicating a 23.9% deficiency.			
Base Penalty				\$1,000

» Environmental, Property and Human Health Matrix				
Harm				
	Release	Major	Moderate	Minor
OR	Actual			
	Potential		x	
				Percent 25%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR				
				Percent
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.			
Adjustment				-\$750
Base Penalty Subtotal				\$250

Violation Events				
Number of Violation Events		3		
<i>mark only one; use small x</i>	daily			
	monthly			
	quarterly			
	semiannual	x		
	annual			
	single event			
Violation Base Penalty				\$750

Events Notes	Three semiannual events are recommended based on investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.
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Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$0	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Nugents Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 7

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 3.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. This includes both qualitative and quantitative approaches, as well as the use of advanced statistical tools and software.

3. The third part of the document focuses on the interpretation and application of the collected data. This involves identifying key trends, patterns, and insights that can inform decision-making and strategic planning.

4. The fourth part of the document discusses the challenges and limitations of data analysis. This includes issues such as data quality, bias, and the potential for misinterpretation, as well as the need for ongoing monitoring and evaluation.

5. The fifth part of the document provides a summary of the key findings and conclusions. This highlights the most significant results and offers recommendations for future research and practice.

6. The sixth part of the document includes a list of references and a bibliography. This provides a comprehensive overview of the sources used in the research and allows readers to explore the topic further.

7. The seventh part of the document contains a list of appendices and supplementary materials. This includes additional data, charts, and tables that provide more detail and context for the main findings.

8. The eighth part of the document includes a list of figures and tables. This provides a visual representation of the data and helps to illustrate the key points and trends.

9. The ninth part of the document contains a list of footnotes and endnotes. This provides additional information and clarifications for the main text.

10. The tenth part of the document includes a list of acknowledgments and a closing statement. This expresses gratitude to those who supported the research and provides a final thought on the importance of the work.

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation

Classification: Rating: 0.000

Regulated Entity: RN101259539 NUGENTS COVE WATER SYSTEM

Classification: Site Rating: 0.00

ID Number(s):PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870013

Location: ON LAKE LIVINGSTON SOUTH OF FM 2457

TCEQ Region: REGION 10 - BEAUMONT

Date Compliance History Prepared: April 07, 2004

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: April 01, 1999 to April 01, 2004

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 01/03/2002
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Policy Revision 2 (09/02)

Penalty Calculation Worksheet (PCW)

PCW Revision 2/10/2004

DATES		PCW 1-Apr-2004	Screening 10-Apr-2003	Priority Due 8-Aug-2003	EPA Due
RESPONDENT INFORMATION					
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)				
Respondent/Site ID No(s).	Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003				
Facility/Site Region	10 - Beaumont	Major/Minor Source		Major	
CASE INFORMATION					
Enf./Case ID No(s).	343	No. Violations	8		
Docket No.	2003-0639-PWS-E	Order Type	1660 with deferral		
Case Priority	3	EC's Team	Enforcement Team 6		
Enf. Coordinator	Audra L. Ruble				
Media Program(s)	Public Water Supply				
Admin. Penalty \$ Limit	Minimum \$50	Maximum	\$1,000		

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7

Notes: +

Culpability 0% Enhancement Subtotal 4

No +
 Notes:

Good Faith Effort to Comply 0% Reduction Subtotal 5

	Before NOV	NOV to EDRP/Settlement Offer	
Extraordinary	<input type="text"/>	<input type="text"/>	
Ordinary	<input type="text"/>	<input type="text"/>	
None of the above	X	(mark with small x)	+

Notes:

Economic Benefit 0% Enhancement* Subtotal 6

\$1,587	Total EB Amounts	*	Capped at the Total EB \$ Amount	
\$12,100	Approx. Cost of Compliance	=		

SUM OF SUBTOTALS 1-7 Final Subtotal

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: =

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty

DEFERRAL Deferral Reduction Adjustment

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: =

PAYABLE PENALTY

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. This includes both qualitative and quantitative approaches, as well as the use of advanced statistical tools and software.

3. The third part of the document focuses on the interpretation and application of the collected data. This involves identifying key trends, patterns, and insights that can inform decision-making and strategic planning.

4. The fourth part of the document discusses the challenges and limitations of data analysis. This includes issues such as data quality, bias, and the complexity of interpreting large datasets. It also highlights the need for ongoing monitoring and evaluation of the analysis process.

5. The fifth part of the document provides a summary of the key findings and conclusions. This includes a discussion of the overall impact of the data analysis on the organization's performance and the potential for future improvements.

6. The sixth part of the document contains a list of references and sources used in the analysis. This includes academic journals, books, and other relevant publications that provide a theoretical and practical context for the work.

7. The final part of the document is a conclusion that summarizes the main points of the report and offers recommendations for future research and practice. It emphasizes the importance of continued data-driven decision-making and the role of data analysis in achieving organizational success.

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System) **on 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Approximately 14 miles north of Onalaska on Highway 356 to White Rock Creek, Trinity County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	1			
Primary Rule Cite	30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]			
Secondary Cite(s)	Tex. Health & Safety Code § 341.033(a)			
Violation Description	Failure to provide a class C certified operator.			
Base Penalty				\$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
	Release	Major	Moderate	Minor	
OR	Actual				Percent 50%
	Potential	X			

» **Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
OR					Percent

Matrix Notes
 By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

<i>mark only one; use small x</i>	daily	
	monthly	
	quarterly	
	semiannual	X
	annual	
	single event	

Violation Base Penalty \$1,500

Events Notes
 Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$90	Violation Final Penalty total \$1,500
This Violation Final Assessed Penalty (adjusted for limits) \$1,500	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	6-Dec-2001	24-Sep-2003	1.8	\$90	n/a	\$90

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$1,000

TOTAL \$90

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	2			
Primary Rule Cite	30 Tex. Admin. Code § 290.109(c)(1)(A)			
Secondary Cite(s)				
Violation Description	Failure collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. During the investigation, it was noted that the water system failed to adequately rotate bacteriological sample sites from the sample site plan, and multiple samples were taken from locations not listed on the sample site plan.			
	Base Penalty			\$1,000
» Environmental, Property and Human Health Matrix				
	Harm			
	Release	Major	Moderate	Minor
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Percent			50%
» Programmatic Matrix				
	Falsification	Major	Moderate	Minor
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Percent			<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.			
	Adjustment			-\$500
	Base Penalty Subtotal			\$500
Violation Events				
	Number of Violation Events	1		
<i>mark only one; use small x</i>	daily	<input type="text"/>		
	monthly	<input type="text"/>		
	quarterly	<input checked="" type="checkbox"/>		
	semiannual	<input type="text"/>		
	annual	<input type="text"/>		
	single event	<input type="text"/>		
	Violation Base Penalty			\$500
Events Notes	One quarterly event is recommended from date of investigation (December 6, 2001) to compliance date (March 1, 2002).			
Economic Benefit (EB) for this violation				
	Estimated EB Amount (\$)	\$1		Statutory Limit Test
		Violation Final Penalty total	\$500	
	This Violation Final Assessed Penalty (adjusted for limits)			\$500

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail. The records should be kept up-to-date and should be easily accessible to all relevant parties.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include interviews, surveys, and focus groups. Each method has its own strengths and weaknesses, and it is important to choose the most appropriate method for the specific research objectives.

3. The third part of the document describes the process of data analysis. This involves identifying patterns and trends in the data, and then interpreting these findings in the context of the research objectives. It is important to be objective and to avoid drawing conclusions that are not supported by the data.

4. The fourth part of the document discusses the importance of communication in the research process. This involves sharing the findings of the research with the relevant stakeholders, and ensuring that the information is presented in a clear and concise manner. It is also important to listen to the feedback of the stakeholders and to use this feedback to improve the research process.

5. The fifth part of the document outlines the various ethical considerations that must be taken into account when conducting research. These include the need to obtain informed consent from the participants, to ensure the confidentiality of the data, and to avoid any potential conflicts of interest.

6. The sixth part of the document discusses the importance of documentation in the research process. This involves keeping a detailed record of all the steps taken during the research, from the initial planning to the final reporting. This documentation is essential for ensuring the transparency and reproducibility of the research.

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8. The eighth part of the document discusses the process of data analysis. This involves identifying patterns and trends in the data, and then interpreting these findings in the context of the research objectives. It is important to be objective and to avoid drawing conclusions that are not supported by the data.

9. The ninth part of the document discusses the importance of communication in the research process. This involves sharing the findings of the research with the relevant stakeholders, and ensuring that the information is presented in a clear and concise manner. It is also important to listen to the feedback of the stakeholders and to use this feedback to improve the research process.

10. The tenth part of the document outlines the various ethical considerations that must be taken into account when conducting research. These include the need to obtain informed consent from the participants, to ensure the confidentiality of the data, and to avoid any potential conflicts of interest.

11. The eleventh part of the document discusses the importance of documentation in the research process. This involves keeping a detailed record of all the steps taken during the research, from the initial planning to the final reporting. This documentation is essential for ensuring the transparency and reproducibility of the research.

12. The twelfth part of the document describes the various methods used to collect and analyze data. These methods include interviews, surveys, and focus groups. Each method has its own strengths and weaknesses, and it is important to choose the most appropriate method for the specific research objectives.

13. The thirteenth part of the document discusses the process of data analysis. This involves identifying patterns and trends in the data, and then interpreting these findings in the context of the research objectives. It is important to be objective and to avoid drawing conclusions that are not supported by the data.

14. The fourteenth part of the document discusses the importance of communication in the research process. This involves sharing the findings of the research with the relevant stakeholders, and ensuring that the information is presented in a clear and concise manner. It is also important to listen to the feedback of the stakeholders and to use this feedback to improve the research process.

15. The fifteenth part of the document outlines the various ethical considerations that must be taken into account when conducting research. These include the need to obtain informed consent from the participants, to ensure the confidentiality of the data, and to avoid any potential conflicts of interest.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	6-Dec-2001	1-Mar-2002	0.2	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to ensure the validity of the findings.

3. The third part of the document describes the results of the data analysis and the key findings. It identifies several trends and patterns that have emerged from the data, which provide valuable insights into the organization's performance and challenges.

4. The fourth part of the document discusses the implications of the findings and the recommendations for future actions. It suggests several strategies and initiatives that can be implemented to address the identified issues and improve the organization's overall performance.

5. The fifth part of the document provides a summary of the key points and conclusions. It reiterates the importance of ongoing monitoring and evaluation to ensure that the organization remains on track and continues to improve its performance over time.

6. The sixth part of the document includes a list of references and sources used in the research. It acknowledges the contributions of various authors and organizations that have provided valuable information and insights into the field of study.

7. The seventh part of the document contains a list of appendices and supplementary materials. These include additional data, charts, and tables that provide further detail and support for the findings and recommendations presented in the main text.

8. The eighth part of the document includes a list of acknowledgments and a list of authors. It expresses gratitude to the individuals and organizations that have supported the research and provided valuable feedback and assistance throughout the process.

9. The ninth part of the document contains a list of contact information and a list of distribution channels. It provides details on how to reach the authors and where the document can be accessed or purchased.

10. The tenth part of the document includes a list of footnotes and a list of references. It provides additional information and citations for the sources used in the research, ensuring that all claims and findings are properly supported and documented.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water Service) **Revision 2 (09/02)**

Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 3

Primary Rule Cite 30 Tex. Admin. Code § 290.45(f)

Secondary Cite(s)

Violation Description
Failure to provide a proper purchase water contract.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				50%
Potential	x			

» **Programmatic Matrix**

OR	Programmatic Matrix			Percent
	Falsification	Major	Moderate	

Matrix Notes
The failure to provide an adequate purchase water contract could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$1,500

Events Notes
Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$154

Violation Final Penalty total \$1,500

This Violation Final Assessed Penalty (adjusted for limits) \$1,500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	6-Dec-2001	1-Jan-2005	3.1	\$154	n/a	\$154

Notes for DELAYED costs

Estimated cost to provide an adequate purchase water contract.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water Sy	Revision 2 (09/02)	
Case ID No. 343		PCW Revision 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	4	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m)	
Secondary Cite(s)	30 Tex. Admin. Code §§ 290.43(c)(2) and (7)	
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. At the time of the investigation, multiple water system components were severely corroded affecting the integrity of the tanks. Failure to lock the roof hatch on the 0.036 MG Oakridge ground storage tank. Failure to maintain the drain of the ground storage tank so that it is not subject to submergence.	
	Base Penalty	\$1,000
» Environmental, Property and Human Health Matrix		
	Harm	
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	Percent	50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
	Percent	<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.	
	Adjustment	-\$500
	Base Penalty Subtotal	\$500
Violation Events		
	Number of Violation Events	3
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
	Violation Base Penalty	\$1,500
Events Notes	Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.	
Economic Benefit (EB) for this violation		
	Estimated EB Amount (\$)	\$1,342
	Violation Final Penalty total	\$1,500
	This Violation Final Assessed Penalty (adjusted for limits)	
		\$1,500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	6-Dec-2001	6-Nov-2003	1.9	\$64	\$1,279	\$1,342
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to replace the ground storage tank and pressure tank.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$10,000

TOTAL \$1,342

The primary purpose of accounting is to provide financial information that is useful for decision-making. This information is typically presented in the form of financial statements, which are prepared according to established accounting principles and standards.

Accounting is a systematic process of recording, classifying, summarizing, and interpreting financial transactions. It involves the use of various accounting methods and techniques to ensure the accuracy and reliability of financial data. The accounting process is essential for the proper management of a business and for the determination of its financial performance.

Accounting is divided into several branches, including financial accounting, management accounting, and tax accounting. Each branch serves a different purpose and provides different types of financial information. Financial accounting is concerned with the preparation of financial statements for external users, while management accounting is used for internal decision-making. Tax accounting deals with the calculation and reporting of taxes.

The accounting process is a continuous cycle that involves the recording of transactions, the preparation of financial statements, and the analysis of the results. This cycle is essential for the ongoing management and growth of a business.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water Service) <small>Revision 2 (09/02)</small>				
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	5				
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(D)(ii)				
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)				
Violation Description	Failure to provide a total storage capacity of 200 gallons per connection at the Oakridge plant. The respondent is required to provide 81,000 gallons and was only providing 45,000 gallons, indicating a 44.4% deficiency.				
Base Penalty				\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	<input type="text"/>	x	<input type="text"/>	Percent 25%
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.				
Adjustment				-\$750	
Base Penalty Subtotal				\$250	
Violation Events					
Number of Violation Events		3			
<i>mark only one; use small x</i>	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	x			
	annual	<input type="text"/>			
	single event	<input type="text"/>			
Violation Base Penalty				\$750	
Events Notes	Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$0		Violation Final Penalty total \$750	
This Violation Final Assessed Penalty (adjusted for limits)				\$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 4.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

2. The second part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

3. The third part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

4. The fourth part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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16. The sixteenth part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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21. The twenty-first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

22. The twenty-second part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

23. The twenty-third part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

24. The twenty-fourth part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

25. The twenty-fifth part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water Sy^{revision 2 (09/02)}
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="25%"/>
	Potential	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text"/>	

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>

Matrix Notes

Adjustment

Base Penalty Subtotal

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty

Events Notes

Economic Benefit (EB) for this violation

Statutory Limit Test

Violation Final Penalty total

This Violation Final Assessed Penalty (adjusted for limits)

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include interviews, surveys, and focus groups. Each method has its own strengths and weaknesses, and the choice of method depends on the specific research objectives.

3. The third part of the document describes the process of data analysis. This involves identifying patterns and trends in the data, and then interpreting these findings in the context of the research objectives. It is important to be transparent about the methods used for data analysis, so that the results can be replicated and verified.

4. The fourth part of the document discusses the importance of reporting the results of the research. This involves presenting the findings in a clear and concise manner, and providing a detailed explanation of the methods used and the limitations of the study. It is also important to discuss the implications of the findings and to provide recommendations for future research.

5. The fifth part of the document concludes the report and provides a summary of the key findings. It also includes a list of references and a list of appendices. The references list the sources of information used in the research, and the appendices provide additional information that is relevant to the study but that is too detailed to include in the main text.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 6

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	------------------------------	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 4.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

PHYSICS 439: QUANTUM MECHANICS
PROBLEM SET 10

Due: Friday, November 10, 2017

1. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the momentum $\langle p \rangle$ and the uncertainty in momentum Δp for the state $n=1$.

2. Consider a particle in a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the energy $\langle E \rangle$ and the uncertainty in energy ΔE for the state $n=1$.

3. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the position $\langle x \rangle$ and the uncertainty in position Δx for the state $n=1$.

4. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the momentum $\langle p \rangle$ and the uncertainty in momentum Δp for the state $n=2$.

5. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the energy $\langle E \rangle$ and the uncertainty in energy ΔE for the state $n=2$.

6. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the position $\langle x \rangle$ and the uncertainty in position Δx for the state $n=2$.

7. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the momentum $\langle p \rangle$ and the uncertainty in momentum Δp for the state $n=3$.

8. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the energy $\langle E \rangle$ and the uncertainty in energy ΔE for the state $n=3$.

9. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the position $\langle x \rangle$ and the uncertainty in position Δx for the state $n=3$.

10. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the momentum $\langle p \rangle$ and the uncertainty in momentum Δp for the state $n=4$.

11. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the energy $\langle E \rangle$ and the uncertainty in energy ΔE for the state $n=4$.

12. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the position $\langle x \rangle$ and the uncertainty in position Δx for the state $n=4$.

13. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the momentum $\langle p \rangle$ and the uncertainty in momentum Δp for the state $n=5$.

14. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the energy $\langle E \rangle$ and the uncertainty in energy ΔE for the state $n=5$.

15. A particle of mass m is confined to a one-dimensional infinite potential well of width a . The wave function is given by $\psi(x) = \sqrt{\frac{2}{a}} \sin\left(\frac{n\pi x}{a}\right)$ for $0 < x < a$ and zero elsewhere. Calculate the expectation value of the position $\langle x \rangle$ and the uncertainty in position Δx for the state $n=5$.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 7
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iii)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description
 Failure to provide two or more service pumps that have a total capacity of 2.0 gallons per minute ("gpm") per connection. The respondent is required to provide 808 gpm and was only providing 300 gpm, indicating a 62.9% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				50%
Potential	x			

OR

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor	Percent

OR

Matrix Notes
 Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$1,500

Events Notes
 Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$0 **Violation Final Penalty total** \$1,500

This Violation Final Assessed Penalty (adjusted for limits) \$1,500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 7

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 5.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT
5300 S. DICKINSON DRIVE
CHICAGO, ILLINOIS 60637

PHYSICS 435
LECTURE 10
THERMODYNAMICS

1. The first law of thermodynamics states that the change in internal energy of a system is equal to the heat added to the system minus the work done by the system.

2. For a process involving a gas, the work done is given by the area under the pressure-volume curve.

3. The second law of thermodynamics states that the entropy of an isolated system never decreases.

4. The Carnot cycle is the most efficient cycle possible between two isotherms.

5. The efficiency of a Carnot engine is given by $1 - T_c/T_h$.

6. The Boltzmann constant relates the average kinetic energy of particles to the temperature.

7. The Maxwell-Boltzmann distribution describes the distribution of particle speeds in a gas.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water Sy			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.102693454; Public Water Supply ID 2280003			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	8			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(D)(iv)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a pressure tank capacity of 20 gallons per connection at the Oakridge plant. The respondent is required to provide 8100 gallons per connection and was only providing 2500 gallons per connection, indicating a 69.1% deficiency.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
	Release	Major	Moderate	Minor	
OR	Actual				
	Potential	x			Percent 50%

» **Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
OR					Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

<i>mark only one; use small x</i>	daily	
	monthly	
	quarterly	
	semiannual	x
	annual	
	single event	

Violation Base Penalty \$1,500

Events Notes

Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$0	Violation Final Penalty total \$1,500
This Violation Final Assessed Penalty (adjusted for limits) \$1,500	

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It discusses how the collected data is used to identify trends, assess risks, and make strategic decisions that align with the organization's goals and objectives.

4. The fourth part of the document addresses the challenges and limitations of data analysis. It acknowledges that while data provides valuable insights, it is not infallible and must be interpreted with care and context. It also discusses the importance of data security and privacy in handling sensitive information.

5. The fifth part of the document provides a summary of the key findings and conclusions. It reiterates the importance of a robust data management system and the continuous monitoring and refinement of data analysis processes to stay relevant in a rapidly changing business environment.

6. The sixth part of the document offers recommendations for future research and practice. It suggests exploring emerging technologies like artificial intelligence and machine learning to enhance data analysis capabilities and improve decision-making outcomes.

7. The seventh part of the document discusses the ethical implications of data analysis. It emphasizes the need for transparency, fairness, and respect for individual privacy when using data to make decisions that affect people's lives.

8. The eighth part of the document provides a detailed look at the data collection process, including the selection of data sources, the design of data collection instruments, and the implementation of data collection protocols.

9. The ninth part of the document focuses on data analysis techniques, such as descriptive statistics, inferential statistics, and regression analysis, and how they are applied to the collected data to draw conclusions.

10. The tenth part of the document discusses the role of data in strategic planning and decision-making. It highlights how data provides a solid foundation for setting strategic goals, identifying opportunities, and mitigating risks.

11. The eleventh part of the document addresses the importance of data literacy and the need for organizations to invest in training and development to ensure that their employees are equipped with the skills to effectively use data.

12. The twelfth part of the document provides a final summary and concludes the document. It reiterates the key takeaways and emphasizes the ongoing nature of data analysis and its critical role in driving organizational success in the digital age.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Oakridge Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 8

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 4.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 551

PROFESSOR

ASSISTANT PROFESSOR

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN102693454 OAKRIDGE WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2280003
Location: APPROXIMATELY 14 MILES NORTH OF ONALASKA ON HWY 356 TO WHITE ROCK CREEK
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/06/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES		PCW 1-Apr-2004	Screening 10-Apr-2003	Priority Due 8-Aug-2003	EPA Due
RESPONDENT INFORMATION					
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)				
Respondent/Site ID No(s)	Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076				
Facility/Site Region	10 - Beaumont	Major/Minor Source			Major
CASE INFORMATION					
Enf./Case ID No(s)	343	Docket No.		2003-0639-PWS-E	No. Violations 4
Case Priority	3	Enf. Coordinator		Audra L. Ruble	Order Type 1660 with deferral
Media Program(s)	Public Water Supply	EC's Team		Enforcement Team 6	
Admin. Penalty \$ Limit	Minimum \$50	Maximum	\$1,000		

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$2,850

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history.

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 10% Reduction Subtotal 5 -\$285

	Before NOV	NOV to EDRP/Settlement Offer
Extraordinary		
Ordinary		X
None of the above		(mark with small x)

Notes: The Respondent submitted correspondence dated September 24, 2003 demonstrating that compliance has been achieved.

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$228	Total EB Amounts	*Capped at the Total EB \$ Amount
\$3,000	Approx. Cost of Compliance	=

SUM OF SUBTOTALS 1-7 Final Subtotal \$2,565

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: =

Final Penalty Amount \$2,565

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$2,565

DEFERRAL 20% Reduction Adjustment \$513

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,052

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address On Farm-to-Market Road 356, approximately five miles west of Onalaska, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOV's with same or similar violations as those in the current enforcement action (number of NOV's meeting criteria)	0	0%
	Other written NOV's	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="50%"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

» **Programmatic Matrix**

Falsification		Major	Moderate	Minor	
OR		<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>

Matrix Notes

Adjustment **Base Penalty Subtotal** \$500

Violation Events

Number of Violation Events

mark only one; use small x		daily	
	monthly	<input type="text"/>	
	quarterly	<input type="text"/>	
	semiannual	<input checked="" type="checkbox"/>	
	annual	<input type="text"/>	
	single event	<input type="text"/>	

Violation Base Penalty \$1,500

Events Notes

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) <input type="text" value="\$90"/>	Violation Final Penalty total \$1,350
This Violation Final Assessed Penalty (adjusted for limits) \$1,350	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	6-Dec-2001	24-Sep-2003	1.8	\$90	n/a	\$90

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	2	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m)	
Secondary Cite(s)		
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, the overflow flap on the 0.068 MG ground storage tank at Hawg Heaven was exhibiting signs of severe corrosion.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Percent		50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
	<input type="text"/>	<input type="text"/>
Percent		<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.	
Adjustment		-\$500
Base Penalty Subtotal		\$500
Violation Events		
Number of Violation Events		1
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input checked="" type="checkbox"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
Violation Base Penalty		\$500
Events Notes	One semiannual event is recommended from date of investigation (December 6, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.	
Economic Benefit (EB) for this violation Statutory Limit Test		
Estimated EB Amount (\$)		\$12
Violation Final Penalty total		\$450
This Violation Final Assessed Penalty (adjusted for limits)		\$450

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making and strategic planning.

3. The third part of the document focuses on the role of technology in enhancing data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is handled in a secure and compliant manner.

5. The fifth part of the document discusses the importance of data governance and the establishment of clear policies and procedures. It emphasizes the need for a strong data governance framework to ensure that data is used responsibly and effectively.

6. The sixth part of the document explores the role of data in driving innovation and growth. It highlights how data-driven insights can identify new opportunities, optimize processes, and create competitive advantages for the organization.

7. The seventh part of the document discusses the importance of data literacy and training for all employees. It emphasizes that having a data-literate workforce is crucial for maximizing the value of data and making data-driven decisions.

8. The eighth part of the document addresses the ethical considerations surrounding data collection and use. It discusses the need for transparency, consent, and fairness in data handling practices to build trust and maintain a positive reputation.

9. The ninth part of the document discusses the role of data in regulatory compliance. It highlights the importance of staying up-to-date with relevant regulations and ensuring that data handling practices meet all legal requirements.

10. The tenth part of the document concludes by summarizing the key points discussed and emphasizing the overall importance of data in the modern business environment. It encourages the organization to continue investing in data management and analysis to drive long-term success.

11. The eleventh part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection procedures.

12. The twelfth part of the document discusses the various methods used for data collection, such as surveys, interviews, focus groups, and observational studies. It compares the strengths and weaknesses of each method to help the organization choose the most appropriate one for its needs.

13. The thirteenth part of the document addresses the challenges of data collection, such as low response rates, data quality issues, and ethical concerns. It provides practical solutions and strategies to overcome these challenges and ensure the success of data collection efforts.

14. The fourteenth part of the document discusses the importance of data analysis in interpreting the results of data collection. It highlights the need for appropriate statistical methods and software tools to analyze the data and extract meaningful insights.

15. The fifteenth part of the document concludes by discussing the future of data management and analysis. It highlights emerging trends and technologies that will shape the data landscape in the coming years, such as artificial intelligence and big data analytics.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	6-Dec-2001	1-Mar-2002	0.2	\$12	n/a	\$12

Notes for DELAYED costs

Estimated cost to conduct necessary repairs.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather information from stakeholders and customers.

3. The third part of the document describes the process of identifying and addressing the needs and expectations of different groups of people. This involves conducting a thorough analysis of the data and developing strategies to meet those needs.

4. The fourth part of the document discusses the importance of communication and collaboration in the implementation of the organization's strategy. This involves working closely with all stakeholders to ensure that everyone is on the same page and working towards the same goals.

5. The fifth part of the document describes the various challenges and obstacles that may be encountered during the implementation of the organization's strategy. This includes issues such as limited resources, resistance to change, and competing priorities.

6. The sixth part of the document discusses the importance of monitoring and evaluating the organization's performance over time. This involves setting key performance indicators (KPIs) and regularly reviewing progress against those indicators.

7. The seventh part of the document describes the various factors that can influence the organization's success or failure. This includes external factors such as market conditions and internal factors such as organizational culture and leadership.

8. The eighth part of the document discusses the importance of innovation and creativity in the organization's operations. This involves encouraging employees to think outside the box and come up with new ideas and solutions to problems.

9. The ninth part of the document describes the various ways in which the organization can leverage its strengths and resources to achieve its goals. This includes identifying key areas of expertise and investing in those areas to gain a competitive advantage.

10. The tenth part of the document discusses the importance of ethical and social responsibility in the organization's operations. This involves ensuring that the organization's actions are fair, honest, and respectful to all stakeholders.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 3
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iii)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide a service pump capacity of 2.0 gallons per minute per connection. At the time of the investigation, the system was at 100% of the pump's capacity. The system must have the ability to meet peak hourly demands with the largest pump out of service.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm				
Release		Major	Moderate	Minor		
OR	Actual				Percent	10%
	Potential			x		

» **Programmatic Matrix**

		Major	Moderate	Minor		
OR	Falsification				Percent	

Matrix Notes Human health will or could be exposed to insignificant amounts of pollutants which would not exceed levels that are protective of human health.

Adjustment -\$900

Base Penalty Subtotal \$100

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$100

Events Notes One single event is recommended based on the date of investigation (December 6, 2001).

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$126 **Violation Final Penalty total** \$90

This Violation Final Assessed Penalty (adjusted for limits) \$90

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$1,000	6-Dec-2001	24-Sep-2003	1.8	\$6	\$120	\$126
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide adequate pumping capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW			
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)	Revision 2 (09/02)				
Case ID No. 343	PCW Revision 2/10/2004				
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101201960; Public Water Supply ID 1870076					
Media [Statute] Public Water Supply					
Enf. Coordinator Audra L. Ruble					
Violation Number	4				
Primary Rule Cite	30 Tex. Admin. Code § 290.43(c)(3)				
Secondary Cite(s)					
Violation Description	Failure to provide the 0.068 MG ground storage tank at Paradise Acres with a properly designed overflow pipe which is equipped with a hinged flap valve.				
Base Penalty		\$1,000			
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px; text-align: center;">x</td><td style="width: 50px; height: 15px;"></td></tr></table>		x		
	x				
Percent		25%			
» Programmatic Matrix					
	Falsification	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>				
Percent					
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would not exceed levels that are protective of human health.				
Adjustment		-\$750			
Base Penalty Subtotal		\$250			
Violation Events					
Number of Violation Events		3			
<i>mark only one; use small x</i>	daily	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	monthly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	quarterly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	semiannual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px; text-align: center;">x</td></tr></table>	x		
x					
	annual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	single event	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
Violation Base Penalty		\$750			
Events Notes	Three semiannual events are recommended from date of investigation (December 6, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.				
Economic Benefit (EB) for this violation Statutory Limit Test					
Estimated EB Amount (\$)		\$0			
Violation Final Penalty total		\$675			
This Violation Final Assessed Penalty (adjusted for limits)		\$675			

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Paradise Acres)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101201960 PARADISE ACRES WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870076
Location: FARM-TO-MARKET ROAD 356, APPROXIMATELY FIVE MILES WEST OF ONALASKA, POLK COUNTY
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/06/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H. Voluntary on-site compliance assessment

dates.

N/A

I. Participation in a voluntary pollution reduction

program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101199776; Public Water Supply ID 1870025

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343

Docket No. 2003-0639-PWS-E No. Violations 4

Case Priority 3 Order Type 1660 with deferral

Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6

Media Program(s) Public Water Supply

Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$2,750

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary	<input type="checkbox"/>	<input type="checkbox"/>	
Ordinary	<input type="checkbox"/>	<input type="checkbox"/>	
None of the above	<input checked="" type="checkbox"/>	(mark with small x)	+

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* Subtotal 6 \$0

	\$2,153 Total EB Amounts		
	\$15,000 Approx. Cost of Compliance	*Capped at the Total EB \$ Amount	=

SUM OF SUBTOTALS 1-7 Final Subtotal \$2,750

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: =

Final Penalty Amount \$2,750

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$2,750

DEFERRAL Deferral 20% Reduction Adjustment \$550

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,200

Handwritten notes at the top of the page, including a date and possibly a title or subject heading.

First main paragraph of handwritten text, starting with a capital letter and containing several lines of cursive script.

Second main paragraph of handwritten text, continuing the narrative or list of items.

Third main paragraph of handwritten text, showing further development of the content.

Fourth main paragraph of handwritten text, possibly including a transition or a new section.

Fifth main paragraph of handwritten text, concluding the page's content.

Final lines of handwritten text at the bottom of the page, possibly a signature or a final note.

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System) **on 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Pine Shadows subdivision off Farm-to-Market Road 3277, near Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Wat	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	1	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(m)	
Secondary Cite(s)		
Violation Description	Failure to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities. During the investigation, it was not that the electrode probe entry point, tank interior, and roof on the ground storage tank at the Indian Hill Estates booster station were severely corroded.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Percent		50%
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Percent		<input type="text"/>
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.	
Adjustment		-\$500
Base Penalty Subtotal		\$500
Violation Events		
Number of Violation Events		1
mark only one; use small x	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input checked="" type="checkbox"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input type="text"/>
Violation Base Penalty		\$500
Events Notes	One quarterly event is recommended from date of investigation (January 3, 2002) to compliance date (March 1, 2002).	
Economic Benefit (EB) for this violation		Statutory Limit Test
Estimated EB Amount (\$) <input type="text"/> \$55		Violation Final Penalty total <input type="text"/> \$500
This Violation Final Assessed Penalty (adjusted for limits)		\$500

The Board of Directors has the honor to acknowledge the cooperation and assistance of the various departments and divisions of the company in the preparation of this report.

The financial results of the company for the year ending December 31, 1945, are summarized in the following table:

Item	1945	1944
Total Assets	\$1,234,567	\$1,123,456
Total Liabilities	\$456,789	\$345,678
Total Equity	\$777,778	\$777,778

The above table shows a significant increase in total assets and total liabilities, while total equity remains constant. This is due to the company's expansion and investment in new projects.

The company's operations for the year were characterized by a steady increase in production and sales, which was reflected in the financial results.

The Board of Directors is pleased to report that the company has achieved its goals for the year and is optimistic about the future.

The company's success is a result of the hard work and dedication of its employees and the support of its customers.

The Board of Directors is grateful for the confidence and support of the shareholders and the public.

The company's financial performance for the year is a testament to its commitment to excellence and growth.

The Board of Directors is confident that the company's future is bright and full of potential.

The company's success is a result of its strong financial position and its commitment to innovation and research.

The Board of Directors is pleased to report that the company has achieved its goals for the year and is optimistic about the future.

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	3-Jan-2002	1-Mar-2002	0.2	\$3	\$52	\$55
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to conduct needed repairs.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iii)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide two or more service pumps that have a total capacity of 2.0 gallons per minute ("gpm") per connection at the Pine Shadows Plant and Indian Hill Estates booster station. The respondent is required to provide 1572.4 gpm and was only providing 1200 gpm, indicating a 23.7% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm				
		Major	Moderate	Minor		
OR	Release					
	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent	<input type="text" value="25%"/>
	Potential	<input type="text"/>	<input checked="" type="text" value="x"/>	<input type="text"/>		

» **Programmatic Matrix**

		Major	Moderate	Minor		
OR	Falsification	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>	

Matrix Notes Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>	Violation Base Penalty <input type="text" value="\$750"/>
monthly	<input type="text"/>	
quarterly	<input type="text"/>	
semiannual	<input checked="" type="text" value="x"/>	
annual	<input type="text"/>	
single event	<input type="text"/>	

Events Notes Three semiannual events are recommended from date of investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) **Violation Final Penalty total**

This Violation Final Assessed Penalty (adjusted for limits)

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	3-Jan-2002	1-Jan-2005	3.0	\$100	\$1,998	\$2,098
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional service pump and pressure tank capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW	
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water)	Revision 2 (09/02)		
Case ID No. 343	PCW Revision 2/10/2004		
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025			
Media [Statute] Public Water Supply			
Enf. Coordinator Audra L. Ruble			
Violation Number	3		
Primary Rule Cite	30 Tex. Admin. Code § 290.43(c)(5)		
Secondary Cite(s)			
Violation Description	Failure to properly locate the inlet and outlet connections on the ground storage tank so as to prevent short circuiting or stagnation of water.		
Base Penalty		\$1,000	
» Environmental, Property and Human Health Matrix			
Harm			
	Major	Moderate	Minor
Release			
Actual			
Potential		x	
Percent		25%	
» Programmatic Matrix			
	Major	Moderate	Minor
Falsification			
Actual			
Potential			
Percent			
Matrix Notes	Failure to locate the inlet and outlet connections to the ground storage tank could expose human health to significant amounts of pollutants which would not exceed levels that are protective of human health.		
Adjustment		-\$750	
Base Penalty Subtotal		\$250	
Violation Events			
Number of Violation Events		3	
<i>mark only one; use small x</i>	daily		
	monthly		
	quarterly		
	semiannual	x	
	annual		
	single event		
Violation Base Penalty		\$750	
Events Notes	Three semiannual events are recommended from date of investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.		
Economic Benefit (EB) for this violation		Statutory Limit Test	
Estimated EB Amount (\$)		\$0	
Violation Final Penalty total		\$750	
This Violation Final Assessed Penalty (adjusted for limits)		\$750	

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of data in decision-making. It explains how data-driven insights can help identify trends, anticipate challenges, and optimize resource allocation, ultimately leading to more informed and effective strategic decisions.

4. The fourth part of the document addresses the challenges associated with data management and analysis. It discusses issues such as data quality, integration, and security, and provides recommendations for mitigating these risks and ensuring the integrity of the data.

5. The fifth part of the document explores the future of data analytics. It discusses emerging technologies like artificial intelligence and machine learning, and their potential to revolutionize data analysis and provide more sophisticated insights.

6. The sixth part of the document concludes by summarizing the key findings and emphasizing the ongoing nature of data analysis. It stresses that data is a dynamic asset that requires continuous monitoring and adaptation to stay relevant and effective.

7. The seventh part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection protocols.

8. The eighth part of the document discusses the various methods used for data analysis, such as descriptive statistics, inferential statistics, and regression analysis, and explains how these methods are applied to interpret the data.

9. The ninth part of the document focuses on the interpretation of data results. It discusses the importance of contextualizing the findings, identifying patterns and trends, and drawing meaningful conclusions from the data.

10. The tenth part of the document addresses the ethical considerations of data analysis. It discusses the importance of protecting individual privacy, ensuring data security, and using data responsibly to avoid bias and discrimination.

11. The eleventh part of the document provides a detailed overview of the data analysis process, including the selection of appropriate statistical methods, the execution of the analysis, and the interpretation of the results.

12. The twelfth part of the document discusses the challenges of data analysis, such as the complexity of large datasets, the need for specialized skills, and the potential for misinterpretation of results.

13. The thirteenth part of the document explores the role of data in various industries and sectors, highlighting the diverse applications of data analysis in fields like healthcare, finance, and marketing.

14. The fourteenth part of the document concludes by summarizing the key points and emphasizing the value of data analysis in driving organizational success and innovation.

15. The fifteenth part of the document provides a final overview of the data analysis process, reinforcing the importance of a systematic and rigorous approach to data collection, analysis, and interpretation.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 1.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 4
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(D)(iv)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide a pressure tank capacity of 20 gallons per connection at the Indian Hill Estates booster station. The respondent is required to provide 6680 gallons per connection and was only providing 4000 gallons per connection, indicating a 40.1% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm				
Release		Major	Moderate	Minor		
OR	Actual				Percent	25%
	Potential		X			

» **Programmatic Matrix**

		Major	Moderate	Minor		
OR	Falsification				Percent	

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	X
annual	
single event	

Violation Base Penalty \$750

Events Notes

Three semiannual events are recommended from date of investigation (January 3, 2002) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit is addressed under violation 2.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025; CCN 10147

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343

Docket No. 2003-0639-PWS-E No. Violations 1

Case Priority 3 Order Type 1660 with deferral

Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6

Media Program(s) Public Water Utilities

Admin. Penalty \$ Limit Minimum \$0 Maximum \$500

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$125

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes No Select Yes/No The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 10% Reduction Subtotal 5 -\$13

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary			
Ordinary		X	
None of the above		(mark with small x)	

Notes The Respondent submitted correspondence dated September 24, 2003 demonstrating that compliance has been achieved. +

Economic Benefit 0% Enhancement* Subtotal 6 \$0

\$129	Total EB Amounts	*Capped at the Total EB \$ Amount	
\$1,500	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal \$113

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes =

Final Penalty Amount \$113

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$113

DEFERRAL Deferral 20% Reduction Adjustment \$23

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes No previous NOVs for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$90

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System) on 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025; CCN 10147
Media [Statute] Public Water Utilities
Enf. Coordinator Audra L. Ruble
Site Address Pine Shadows subdivision off Farm-to-Market Road 3277, near Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the use of advanced software and manual processes to ensure that all relevant information is captured and processed correctly.

3. The third part of the document describes the procedures for reviewing and verifying the data. It details the steps taken to ensure that the information is accurate, complete, and consistent with the organization's policies and procedures.

4. The fourth part of the document discusses the reporting and communication of the findings. It explains how the data is analyzed and presented in a clear and concise manner to the relevant stakeholders.

5. The fifth part of the document outlines the measures taken to ensure the security and confidentiality of the data. It details the various protocols and controls implemented to protect the organization's sensitive information.

6. The sixth part of the document discusses the ongoing monitoring and evaluation of the data collection and analysis process. It explains how the organization ensures that the process remains effective and efficient over time.

7. The final part of the document provides a summary of the key findings and conclusions. It highlights the overall effectiveness of the data collection and analysis process and offers recommendations for future improvements.

Screening Date 10-Apr-03 Docket Number 2003-0639-PWS-E PCW

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows We revision 2 (09/02)

Case ID No. 343 PCW Revision 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101199776; Public Water Supply ID 1870025; CCN

Media [Statute] Public Water Utilities

Enf. Coordinator Audra L. Ruble

Violation Number 1

Primary Rule Cite 30 Tex. Admin. Code § 291.93(3)

Secondary Cite(s)

Violation Description Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity. At the time of the investigation, the system was at 96% of its well production capacity.

Base Penalty \$500

» Environmental, Property and Human Health Matrix

Harm

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				
Potential				

OR

» Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
	x			25%

OR

Matrix Notes 100% of the rule requirement was not met.

Adjustment -\$375

Base Penalty Subtotal \$125

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$125

Events Notes One single event is recommended based on the date of investigation (January 3, 2002).

Economic Benefit (EB) for this violation Statutory Limit Test

Estimated EB Amount (\$) \$129 Violation Final Penalty total \$113

This Violation Final Assessed Penalty (adjusted for limits) \$113

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document discusses the importance of data governance and the role of leadership in establishing a strong data culture. It emphasizes that clear policies and standards are necessary to guide data management practices across the organization.

6. The sixth part of the document explores the benefits of data-driven decision-making and how it can lead to improved performance and innovation. It provides examples of successful organizations that have leveraged data to gain a competitive edge.

7. The seventh part of the document discusses the future of data management and the emerging trends in the field. It highlights the growing importance of artificial intelligence and machine learning in data analysis and the need for ongoing learning and adaptation.

8. The eighth part of the document provides a summary of the key points discussed and offers final thoughts on the importance of data in the modern business landscape. It encourages organizations to embrace data as a strategic asset and to invest in the necessary resources to maximize its value.

9. The ninth part of the document includes a list of references and resources for further reading. It provides links to relevant articles, books, and industry reports that offer additional insights into data management and analysis.

10. The tenth part of the document is a conclusion that reiterates the main message of the document: that data is a powerful tool for driving success, but it must be managed and used wisely to achieve its full potential.

11. The eleventh part of the document is a call to action, encouraging readers to take the steps necessary to implement the principles and practices discussed in the document. It emphasizes that data management is an ongoing process that requires continuous effort and attention.

12. The twelfth part of the document is a final note of appreciation, thanking the readers for their interest and participation. It expresses the hope that the document has provided valuable insights and inspiration for their data management journey.

13. The thirteenth part of the document is a closing statement that reinforces the organization's commitment to data excellence and transparency. It expresses confidence in the future and the potential of data to drive positive change in the world.

14. The fourteenth part of the document is a list of contact information for the organization, including email addresses and phone numbers. It provides a way for readers to reach out if they have any questions or feedback.

15. The fifteenth part of the document is a final page that includes a footer with the organization's name, logo, and copyright information. It also includes a disclaimer and a privacy policy link.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Pine Shadows Water System)

ID Number(s) 343

Media [Statute] Public Water Utilities

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,500	3-Jan-2002	24-Sep-2003	1.7	\$129	n/a	\$129

Notes for DELAYED costs

Approximate cost to prepare a report that addresses capacity issues.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

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Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101199776 PINE SHADOWS WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870025
Location: Of FM 3277, Polk Co.
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 01/03/2002
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.



Policy Revision 2 (09/02)

Penalty Calculation Worksheet (PCW)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No. 101264596; Public Water Supply ID 2040017; CCN 10147
Facility/Site Region 10 - Beaumont **Major/Minor Source** Major

CASE INFORMATION

Enf./Case ID No(s) 343
Docket No. 2003-0639-PWS-E **No. Violations** 1
Case Priority 3 **Order Type** 1660 with deferral
Enf. Coordinator Audra L. Ruble **EC's Team** Enforcement Team 6
Media Program(s) Public Water Utilities
Admin. Penalty \$ Limit Minimum \$0 Maximum \$500

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** \$125

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. +

Compliance History 0% Enhancement **Subtotals 2, 3 & 7** \$0

Notes No enhancement recommended due to compliance history. +

Culpability 0% Enhancement **Subtotal 4** \$0

Notes No Select Yes/No
 The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 10% Reduction **Subtotal 5** -\$13

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary			
Ordinary		X	
None of the above		(mark with small x)	+

Notes The Respondent submitted correspondence dated September 24, 2003 demonstrating that compliance has been achieved.

Economic Benefit 0% Enhancement* **Subtotal 6** \$0

	\$135	Total EB Amounts	
	\$1,500	Approx. Cost of Compliance	=

*Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 **Final Subtotal** \$113

OTHER FACTORS AS JUSTICE MAY REQUIRE **Adjustment** \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)
Notes =

Final Penalty Amount \$113

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** \$113

DEFERRAL Deferral 20% Reduction **Adjustment** \$23

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)
Notes No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$90

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates) **Policy Revision 2 (09/02)**
Case ID No. 343 **PCW Revision 2/10/2004**
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101264596; Public Water Supply ID 2040017; CCN 10147
Media [Statute] Public Water Utilities
Enf. Coordinator Audra L. Ruble
Site Address Off of Highway 190 East, on Farm-to-Market Road 980, approximately 5.5 miles west of Coldspring, San Jacinto County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document discusses the importance of data governance and the role of various stakeholders in ensuring data integrity and compliance with relevant regulations and standards.

6. The sixth part of the document explores the benefits of data-driven decision-making and how it can lead to improved performance, innovation, and competitive advantage for the organization.

7. The seventh part of the document provides a summary of the key points discussed and offers recommendations for implementing a robust data management strategy that aligns with the organization's goals and objectives.

8. The eighth part of the document concludes by emphasizing the ongoing nature of data management and the need for continuous monitoring, evaluation, and improvement to stay ahead in a rapidly changing business environment.

9. The ninth part of the document provides a list of resources and references for further reading and research on data management and analytics.

10. The tenth part of the document includes a glossary of key terms and definitions used throughout the document to ensure clarity and consistency in terminology.

11. The eleventh part of the document provides a list of contact information for the authors and other relevant parties for further inquiries or feedback.

12. The twelfth part of the document includes a list of acknowledgments and thanks to the individuals and organizations that supported the research and development of this document.

13. The thirteenth part of the document provides a list of appendices and supplementary materials that provide additional details and data related to the main text.

14. The fourteenth part of the document includes a list of footnotes and references to other relevant documents and publications.

15. The fifteenth part of the document provides a list of contact information for the authors and other relevant parties for further inquiries or feedback.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estat'ion 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No. 101264596; Public Water Supply ID 2040017; CCN 1
Media [Statute] Public Water Utilities
Enf. Coordinator Audra L. Ruble
Violation Number 1
Primary Rule Cite 30 Tex. Admin. Code § 291.93(3)
Secondary Cite(s)
Violation Description
 Failure to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity. At the time of the investigation, the system was at 99% of its' well production capacity.

		Base Penalty	\$500
» Environmental, Property and Human Health Matrix			
Harm			
	Release	Major Moderate Minor	
OR	Actual	<input type="text"/>	Percent <input type="text"/>
	Potential	<input type="text"/>	
» Programmatic Matrix			
	Falsification	Major Moderate Minor	
OR	<input type="text"/>	x	Percent 25%
Matrix Notes	<input type="text" value="100% of the rule requirement was not met."/>		
		Adjustment	-\$375
		Base Penalty Subtotal	\$125

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	x

Violation Base Penalty \$125

Events Notes

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) <input type="text" value="\$135"/>	Violation Final Penalty total <input type="text" value="\$113"/>
This Violation Final Assessed Penalty (adjusted for limits) <input type="text" value="\$113"/>	

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)

ID Number(s) 343

Media [Statute] Public Water Utilities

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,500	4-Dec-2001	24-Sep-2003	1.8	\$135	n/a	\$135

Notes for DELAYED costs

Approximate cost to prepare a report that addresses capacity issues.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial data and for facilitating the audit process. The records should be kept in a secure and accessible format, and should be updated regularly to reflect any changes in the data.

2. The second part of the document outlines the various methods used to collect and analyze the data. This includes the use of statistical techniques to identify trends and patterns in the data, as well as the use of regression analysis to test the relationship between different variables. The results of these analyses are presented in a clear and concise manner, allowing for easy interpretation of the findings.

3. The third part of the document discusses the implications of the findings for the organization. It highlights the areas where the data indicates a need for improvement, and provides recommendations for how these areas can be addressed. This includes suggestions for changes to the internal control system, as well as recommendations for how the organization can better manage its resources and improve its overall performance.

4. The fourth part of the document provides a summary of the key findings and conclusions. It emphasizes the importance of the data and the need for continued monitoring and analysis. It also provides a final recommendation for how the organization can best use the information provided in this report to improve its operations and achieve its long-term goals.

5. The fifth part of the document discusses the limitations of the study and the potential for future research. It acknowledges that the data used in this study may not be representative of all organizations, and that further research is needed to confirm the findings. It also suggests areas where future research could be conducted, such as the use of more advanced statistical techniques or the inclusion of additional variables in the analysis.

6. The sixth part of the document provides a final conclusion and a list of references. The conclusion summarizes the main findings of the study and provides a final recommendation for the organization. The references list the sources of the data and the literature used in the study, providing a clear path for further research.

7. The seventh part of the document is a list of appendices, which provide additional information and data related to the study. This includes a list of the data sources used, a list of the statistical techniques used, and a list of the regression equations used in the analysis. These appendices are provided to allow for a more detailed review of the study and to provide a clear path for further research.

8. The eighth part of the document is a list of figures and tables, which provide a visual representation of the data and the results of the analysis. This includes a list of the figures used, a list of the tables used, and a list of the regression equations used in the analysis. These figures and tables are provided to allow for a more detailed review of the study and to provide a clear path for further research.

9. The ninth part of the document is a list of footnotes, which provide additional information and data related to the study. This includes a list of the data sources used, a list of the statistical techniques used, and a list of the regression equations used in the analysis. These footnotes are provided to allow for a more detailed review of the study and to provide a clear path for further research.

10. The tenth part of the document is a list of references, which provide a clear path for further research. This includes a list of the sources of the data and the literature used in the study, providing a clear path for further research.



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW Screening Priority Due EPA Due

RESPONDENT INFORMATION

Respondent

Respondent/Site ID No(s)

Facility/Site Region Major/Minor Source

CASE INFORMATION

Enf./Case ID No(s)

Docket No.

No. Violations

Case Priority

Order Type

Enf. Coordinator

EC's Team

Media Program(s)

Admin. Penalty \$ Limit Minimum Maximum

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. +

Compliance History Enhancement Subtotals 2, 3 & 7

Notes +

Culpability Enhancement Subtotal 4

Notes The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply Reduction Subtotal 5

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary	<input type="text"/>	<input type="text"/>	
Ordinary	<input type="text"/>	<input type="text"/>	
None of the above	<input checked="" type="checkbox"/>	<i>(mark with small x)</i>	+

Notes +

Economic Benefit Enhancement* Subtotal 6

<input type="text" value="\$2,346"/>	Total EB Amounts	* <td></td>	
<input type="text" value="\$12,200"/>	Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment

Reduces or enhances the Final Subtotal by the indicated percentage. *(enter number only; e.g. -30 for -30%)*

Notes =

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty

DEFERRAL Reduction Adjustment

Reduces the Final Assessed Penalty by the indicated percentage. *(enter number only; e.g. 20 for 20% reduction)*

Notes =

PAYABLE PENALTY

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the role of technology in modern data management. It discusses how advanced software solutions can streamline data collection, storage, and analysis, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It stresses the importance of implementing robust security measures to protect sensitive information from unauthorized access and breaches.

5. The fifth part of the document explores the ethical implications of data collection and analysis. It discusses the need for transparency in data handling practices and the importance of respecting individual privacy rights.

6. The sixth part of the document provides a detailed overview of the data analysis process. It describes the various statistical and analytical techniques used to extract meaningful insights from large datasets.

7. The seventh part of the document discusses the importance of data visualization in communicating complex information. It highlights how visual representations can make data more accessible and understandable for stakeholders.

8. The eighth part of the document focuses on the integration of data with other organizational systems. It discusses how data can be shared and used across different departments to improve overall performance and collaboration.

9. The ninth part of the document addresses the future of data management. It discusses emerging trends and technologies that are expected to shape the data landscape in the coming years.

10. The tenth part of the document provides a concluding summary of the key points discussed throughout the document. It reiterates the importance of data in driving organizational success and the need for a data-driven culture.

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)			Policy Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	Off of Highway 190 East, on Farm-to-Market Road 980, approximately 5.5 miles west of Coldspring, San Jacinto County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **0%**

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) **0%**

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) **0%**

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estat **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 1
Primary Rule Cite 30 Tex. Admin. Code § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)]
Secondary Cite(s) Tex. Health & Safety Code § 341.033(a)
Violation Description Failure to provide a class C certified operator.
Base Penalty \$1,000

» Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				50%
Potential	x			

» Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent

Matrix Notes By failing to operate the public water supply system under the full-time supervision of a properly certified water works operator, the Respondent has allowed conditions which could expose human health to pollutants which would exceed levels that are protective of human health.
Adjustment -\$500
Base Penalty Subtotal \$500

Violation Events
Number of Violation Events 3
mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$1,500
Events Notes Three semiannual events are recommended from date of investigation (December 4, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**
Estimated EB Amount (\$) \$90 **Violation Final Penalty total** \$1,500
This Violation Final Assessed Penalty (adjusted for limits) \$1,500

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	4-Dec-2001	24-Sep-2003	1.8	\$90	n/a	\$90

Notes for DELAYED costs

Estimated cost to employ an operator with at least a Grade "C" certificate.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are:

Name	Address
Mr. J. H. Smith	123 Main St., New York, N.Y.
Mr. W. B. Jones	456 Elm St., Chicago, Ill.
Mr. C. D. Brown	789 Oak St., Boston, Mass.
Mr. E. F. Green	1010 Pine St., Philadelphia, Pa.
Mr. G. H. White	1111 Cedar St., St. Louis, Mo.
Mr. I. J. Black	1212 Birch St., San Francisco, Cal.
Mr. K. L. Gray	1313 Spruce St., Portland, Ore.
Mr. M. N. Blue	1414 Fir St., Seattle, Wash.
Mr. O. P. Red	1515 Willow St., Denver, Colo.
Mr. Q. R. Purple	1616 Ash St., Salt Lake City, Utah.
Mr. S. T. Yellow	1717 Hickory St., Sacramento, Cal.
Mr. U. V. Green	1818 Maple St., San Diego, Cal.
Mr. W. X. Blue	1919 Poplar St., Los Angeles, Cal.
Mr. Y. Z. Red	2020 Sycamore St., San Jose, Cal.

The second part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are:

Name	Address
Mr. A. B. Black	2121 Chestnut St., San Francisco, Cal.
Mr. C. D. Blue	2222 Elm St., Chicago, Ill.
Mr. E. F. Green	2323 Main St., New York, N.Y.
Mr. G. H. Red	2424 Oak St., Boston, Mass.
Mr. I. J. Yellow	2525 Pine St., Philadelphia, Pa.
Mr. K. L. Purple	2626 Cedar St., St. Louis, Mo.
Mr. M. N. Blue	2727 Birch St., San Francisco, Cal.
Mr. O. P. Green	2828 Spruce St., Portland, Ore.
Mr. Q. R. Red	2929 Fir St., Seattle, Wash.
Mr. S. T. Blue	3030 Willow St., Denver, Colo.
Mr. U. V. Green	3131 Ash St., Salt Lake City, Utah.
Mr. W. X. Red	3232 Hickory St., Sacramento, Cal.
Mr. Y. Z. Blue	3333 Maple St., San Diego, Cal.
Mr. A. B. Green	3434 Poplar St., Los Angeles, Cal.
Mr. C. D. Red	3535 Sycamore St., San Jose, Cal.

The third part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are:

Name	Address
Mr. E. F. Green	3636 Chestnut St., San Francisco, Cal.
Mr. G. H. Red	3737 Elm St., Chicago, Ill.
Mr. I. J. Yellow	3838 Main St., New York, N.Y.
Mr. K. L. Purple	3939 Oak St., Boston, Mass.
Mr. M. N. Blue	4040 Pine St., Philadelphia, Pa.
Mr. O. P. Green	4141 Cedar St., St. Louis, Mo.
Mr. Q. R. Red	4242 Birch St., San Francisco, Cal.
Mr. S. T. Blue	4343 Spruce St., Portland, Ore.
Mr. U. V. Green	4444 Fir St., Seattle, Wash.
Mr. W. X. Red	4545 Willow St., Denver, Colo.
Mr. Y. Z. Blue	4646 Ash St., Salt Lake City, Utah.
Mr. A. B. Green	4747 Hickory St., Sacramento, Cal.
Mr. C. D. Red	4848 Maple St., San Diego, Cal.
Mr. E. F. Green	4949 Poplar St., Los Angeles, Cal.
Mr. G. H. Red	5050 Sycamore St., San Jose, Cal.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estab			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	<input type="text" value="2"/>			
Primary Rule Cite	<input type="text" value="30 Tex. Admin. Code § 290.109(c)(1)(A)"/>			
Secondary Cite(s)	<input type="text" value="30 Tex. Admin. Code § 290.110(c)(5)(A)"/>			
Violation Description	<p>Failure to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system. At the time of the investigation, the bacteriological samples were only collected from an isolated area of the distribution system. Failure to consistently conduct chlorine residual tests once every seven days throughout the distribution system.</p>			
		Base Penalty		\$1,000
»	Environmental, Property and Human Health Matrix			
		Harm		
	Release	Major	Moderate	Minor
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Percent		<input type="text" value="50%"/>
»	Programmatic Matrix			
	Falsification	Major	Moderate	Minor
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Percent		<input type="text"/>
Matrix Notes	<p>Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.</p>			
		Adjustment		<input type="text" value="-500"/>
		Base Penalty Subtotal		\$500
Violation Events				
	Number of Violation Events	<input type="text" value="1"/>		
<i>mark only one; use small x</i>	daily	<input type="text"/>		
	monthly	<input type="text"/>		
	quarterly	<input type="text"/>		
	semiannual	<input checked="" type="checkbox"/>		
	annual	<input type="text"/>		
	single event	<input type="text"/>		
		Violation Base Penalty		\$500
Events Notes	<p>One semiannual event is recommended from date of investigation (December 4, 2001) to compliance date (March 1, 2002) to make penalty commensurate with situation.</p>			
Economic Benefit (EB) for this violation		Statutory Limit Test		
	Estimated EB Amount (\$)	<input type="text" value="\$1"/>	Violation Final Penalty total	<input type="text" value="\$500"/>
			This Violation Final Assessed Penalty (adjusted for limits)	<input type="text" value="\$500"/>

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	4-Dec-2001	1-Mar-2002	0.2	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Statement of the Secretary of the Department of the Interior
for the year ending June 30, 1901

The Department of the Interior has the honor to acknowledge the receipt of your report of the year ending June 30, 1901, and to express its appreciation for the information therein contained. The Department is particularly interested in the progress made in the various branches of the service during the year, and in the results of the various projects of the Department.

The Department is pleased to note the progress made in the various branches of the service during the year, and in the results of the various projects of the Department. The Department is particularly interested in the progress made in the various branches of the service during the year, and in the results of the various projects of the Department.

The Department is pleased to note the progress made in the various branches of the service during the year, and in the results of the various projects of the Department. The Department is particularly interested in the progress made in the various branches of the service during the year, and in the results of the various projects of the Department.

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW			
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estat	Revision 2 (09/02)				
Case ID No. 343	PCW Revision 2/10/2004				
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017					
Media [Statute] Public Water Supply					
Enf. Coordinator Audra L. Ruble					
Violation Number	3				
Primary Rule Cite	30 Tex. Admin. Code § 290.43(c)(3)				
Secondary Cite(s)					
Violation Description	Failure to provide the ground storage tank with a properly designed overflow pipe which is equipped with a hinged flap valve.				
Base Penalty		\$1,000			
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px; text-align: center;">x</td><td style="width: 50px; height: 15px;"></td></tr></table>		x		
	x				
		Percent 25%			
» Programmatic Matrix					
	Falsification	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>				
		Percent			
Matrix Notes	Human health will or could be exposed to significant amounts of pollutants which would not exceed levels that are protective of human health.				
Adjustment		-\$750			
Base Penalty Subtotal		\$250			
Violation Events					
Number of Violation Events		3			
mark only one; use small x	daily	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	monthly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	quarterly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	semiannual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px; text-align: center;">x</td></tr></table>	x		
x					
	annual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	single event	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
		Violation Base Penalty \$750			
Events Notes	Three semiannual events are recommended from date of investigation (December 4, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$) \$90		Violation Final Penalty total \$750			
This Violation Final Assessed Penalty (adjusted for limits)		\$750			

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$1,000	4-Dec-2001	24-Sep-2003	1.8	\$90	n/a	\$90

Notes for DELAYED costs

Estimated cost to conduct necessary maintenance repairs.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the tools used for data collection.

3. The third part of the document presents the results of the experiments and discusses the implications of the findings. It highlights the key observations and the statistical analysis performed on the data.

4. The fourth part of the document concludes the study and provides a summary of the main findings. It also discusses the limitations of the study and suggests areas for future research.

5. The fifth part of the document contains the references and bibliography, listing the sources used in the study. It includes a list of books, articles, and other relevant literature.

6. The sixth part of the document contains the appendices, which provide additional information and data related to the study. It includes tables, figures, and other supplementary materials.

7. The seventh part of the document contains the index, which provides a quick reference to the various sections and topics covered in the document.

8. The eighth part of the document contains the glossary, which defines the key terms and concepts used throughout the study.

9. The ninth part of the document contains the acknowledgments, where the author expresses gratitude to the individuals and organizations that supported the study.

10. The tenth part of the document contains the conclusion, which summarizes the overall findings and the significance of the study.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estat **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="25%"/>
	Potential	<input type="text"/>	<input checked="" type="text" value="x"/>	<input type="text"/>	

» **Programmatic Matrix**

Falsification		Major	Moderate	Minor	Percent
OR	<input type="text"/>				

Matrix Notes

Adjustment

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="text" value="x"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$750

Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) **Violation Final Penalty total**

This Violation Final Assessed Penalty (adjusted for limits)

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document discusses the importance of data governance and the establishment of clear policies and procedures. It stresses that effective data governance is essential for maximizing the value of the organization's data assets.

6. The sixth part of the document explores the role of data in decision-making and strategic planning. It illustrates how data-driven insights can inform key business decisions and help the organization stay competitive in a rapidly changing market.

7. The seventh part of the document discusses the importance of data literacy and training for all employees. It emphasizes that having a data-driven culture is essential for the organization to fully leverage its data capabilities.

8. The eighth part of the document concludes by summarizing the key findings and recommendations. It reiterates the importance of a holistic approach to data management and the need for continuous improvement and innovation in data practices.

9. The ninth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection procedures.

10. The tenth part of the document discusses the various methods used for data analysis, such as descriptive statistics, inferential statistics, and regression analysis. It provides a step-by-step guide to performing these analyses and interpreting the results.

11. The eleventh part of the document focuses on the role of data visualization in communicating complex information. It discusses various visualization techniques, such as bar charts, line graphs, and pie charts, and provides best practices for creating clear and effective visualizations.

12. The twelfth part of the document discusses the importance of data security and privacy in the context of data management. It outlines the various security measures and privacy policies that should be implemented to protect the organization's data from unauthorized access and disclosure.

13. The thirteenth part of the document discusses the role of data in compliance and regulatory reporting. It highlights the importance of maintaining accurate and up-to-date data records to ensure compliance with various laws and regulations.

14. The fourteenth part of the document discusses the importance of data in customer relationship management (CRM). It illustrates how data can be used to understand customer behavior, identify opportunities for improvement, and enhance the overall customer experience.

15. The fifteenth part of the document discusses the role of data in supply chain management. It highlights how data can be used to optimize supply chain operations, reduce costs, and improve delivery times.

16. The sixteenth part of the document discusses the importance of data in human resources management. It illustrates how data can be used to attract and retain top talent, improve employee performance, and reduce turnover.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	4-Dec-2001	1-Jan-2005	3.1	\$103	\$2,053	\$2,156
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional well and storage capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

	£	£
Revenue	1,200,000	
Cost of sales	(400,000)	
Gross profit	800,000	
Administrative expenses	(150,000)	
Selling expenses	(100,000)	
Finance charges	(50,000)	
Income tax	(100,000)	
Profit before tax	400,000	
Income tax	(100,000)	
Profit after tax	300,000	
Dividends paid	(100,000)	
Retained profit	200,000	

Required: Calculate the following ratios for the year ended 31st December 2019.

- (a) Gross profit ratio
- (b) Operating profit ratio
- (c) Return on capital employed
- (d) Dividend yield ratio
- (e) Dividend payout ratio

Answer:

(a) Gross profit ratio = $\frac{\text{Gross profit}}{\text{Revenue}} \times 100 = \frac{800,000}{1,200,000} \times 100 = 66.67\%$

(b) Operating profit ratio = $\frac{\text{Operating profit}}{\text{Revenue}} \times 100 = \frac{400,000}{1,200,000} \times 100 = 33.33\%$

(c) Return on capital employed = $\frac{\text{Profit after tax}}{\text{Capital employed}} \times 100 = \frac{300,000}{1,000,000} \times 100 = 30\%$

(d) Dividend yield ratio = $\frac{\text{Dividends paid}}{\text{Market value of shares}} \times 100 = \frac{100,000}{1,000,000} \times 100 = 10\%$

(e) Dividend payout ratio = $\frac{\text{Dividends paid}}{\text{Profit after tax}} \times 100 = \frac{100,000}{300,000} \times 100 = 33.33\%$

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Est. **Revision 2 (09/02)**)

Case ID No. 343 **PCW Revision** 2/10/2004

Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101264596; Public Water Supply ID 2040017

Media [Statute] Public Water Supply

Enf. Coordinator Audra L. Ruble

Violation Number 5

Primary Rule Cite 30 Tex. Admin. Code § 290.46(m)(1)(B)

Secondary Cite(s)

Violation Description Failure to properly complete the tank inspections for the 0.024 MG ground storage tank and the 0.001 MG and 0.003 MG pressure tanks.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Harm

Release	Harm			Percent
	Major	Moderate	Minor	
Actual				
Potential				

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor	Percent
	x			25%

Matrix Notes 100% of the rule requirement was not met.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$250

Events Notes One single event is recommended based on the date of investigation (December 4, 2001).

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$9 **Violation Final Penalty total** \$250

This Violation Final Assessed Penalty (adjusted for limits) \$250

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Point Lookout Estates)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	4-Dec-2001	24-Sep-2003	1.8	\$9	n/a	\$9

Notes for DELAYED costs

Estimated cost to conduct and record tank inspections.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water
Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101264596 POINT LOOKOUT ESTATES
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040017
Location: OFF OF HWY 190 EAST, ON FM 980; APPROXIMATELY 5.5 MILES WEST OF COLDSRING
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History
Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/04/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace Water System)
 Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101243103; Public Water Supply ID 2040056
 Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 2
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Ruble EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$2,250

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

Notes: The Respondent is not yet in compliance. +

	Before NOV	NOV to EDPRP/Settlement Offer			
Extraordinary					
Ordinary					
None of the above	X				(mark with small x)

Economic Benefit 0% Enhancement* Subtotal 6 \$0

Notes: =

	\$1,679	Total EB Amounts			
	\$10,000	Approx. Cost of Compliance			

*Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 Final Subtotal \$2,250

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Notes: =

Final Penalty Amount \$2,250

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$2,250

DEFERRAL 20% Reduction Adjustment \$450

Notes: No previous NOVs for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$1,800

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable and valid measurement instruments.

3. The third part of the document describes the process of data analysis and interpretation. It discusses the various statistical techniques used to analyze the data and the importance of interpreting the results in the context of the research objectives.

4. The fourth part of the document discusses the importance of reporting the results of the research. It emphasizes that the results should be presented in a clear and concise manner, using appropriate visual aids to enhance the presentation of the data.

5. The fifth part of the document discusses the importance of evaluating the research process. It emphasizes that the research process should be evaluated in terms of its effectiveness, efficiency, and reliability, and that the results of the evaluation should be used to improve the research process.

6. The sixth part of the document discusses the importance of ethical considerations in research. It emphasizes that researchers must adhere to ethical principles and standards, and that they must be transparent about their research methods and findings.

7. The seventh part of the document discusses the importance of communication in research. It emphasizes that researchers must communicate their findings effectively to their colleagues and the public, and that they must be open to feedback and criticism.

8. The eighth part of the document discusses the importance of collaboration in research. It emphasizes that researchers must work together and share their knowledge and resources, and that they must be open to new ideas and perspectives.

9. The ninth part of the document discusses the importance of innovation in research. It emphasizes that researchers must be creative and innovative in their research methods and findings, and that they must be open to new and emerging technologies.

10. The tenth part of the document discusses the importance of leadership in research. It emphasizes that researchers must be effective leaders, and that they must be able to inspire and motivate their colleagues to achieve their research goals.

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace Water System) **on 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101243103; Public Water Supply ID 2040055
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Off Farm-to-Market Road 222 on Spring Ridge Road, 1.8 miles southeast of Camilla, San Jacinto County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A **Adjustment Percentage (Subtotal 3)** 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A **Adjustment Percentage (Subtotal 7)** 0%

Compliance History Summary

Compliance History Notes
 No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

The power of the purge is a central theme in the novel, representing the struggle between the individual and the collective. Sanders explores how the state's machinery of control can strip away individual identity and autonomy, leaving only a hollow shell of a person. This theme is particularly relevant in the context of totalitarian regimes, where the state seeks to dominate every aspect of its citizens' lives.

In the novel, Sanders illustrates the concept of the 'purge' as a process of dehumanization. The state uses various methods, including surveillance, propaganda, and physical force, to eliminate dissent and enforce conformity. The individual's resistance to this process becomes a symbol of the human spirit's resilience against oppression.

The narrative structure of the novel is designed to emphasize the scale and reach of the state's power. Through the eyes of the protagonist, Sanders shows how the 'purge' affects not only the individual but also their family and community. This interconnectedness of suffering highlights the collective nature of the state's control.

Sanders uses a stark, almost clinical language to describe the events of the novel. This choice of language serves to strip away any romanticized notions of resistance and instead presents a realistic and often grim picture of life under a totalitarian regime. The lack of emotional embellishment makes the story's impact all the more powerful.

The novel's exploration of the 'purge' is not limited to the physical act of elimination but extends to the psychological and social dimensions. Sanders shows how the state's control permeates every aspect of society, from the workplace to the family, creating a pervasive atmosphere of fear and suspicion.

Through the character of the protagonist, Sanders examines the internal conflict of the individual caught in the state's net. The struggle between the desire for freedom and the need for survival becomes a central theme, reflecting the universal human experience of facing overwhelming power.

The novel concludes with a powerful statement on the nature of the 'purge' and the human condition. Sanders suggests that while the state may succeed in silencing dissent, it cannot completely eradicate the human spirit. The individual's capacity for resistance and the power of the truth remain the ultimate forces of change.

The 'purge' in the novel is a metaphor for the loss of individuality and the triumph of the state. Sanders uses this metaphor to critique the totalitarian systems of the mid-20th century and to warn against the dangers of unchecked state power.

The novel's exploration of the 'purge' is a testament to the power of the human spirit. Sanders shows that even in the most oppressive of circumstances, the individual can find a way to resist and to reclaim their humanity. This message of hope and resilience is the central takeaway of the work.

The 'purge' is a process of erasure, not only of the individual but also of their past and future. Sanders illustrates how the state's control is designed to erase any sense of history or identity, leaving only a blank slate for the state's ideology. This erasure is a key element of the state's power.

The novel's exploration of the 'purge' is a powerful critique of the totalitarian systems of the mid-20th century. Sanders shows how these systems seek to eliminate all forms of dissent and to create a uniform, controlled society. The individual's resistance to this process is a symbol of the human spirit's resilience against oppression.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace) Revision 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101243103; Public Water Supply ID 2040055
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="50%"/>
Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor	Percent
<input type="text"/>				

Matrix Notes

Adjustment

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$1,500

Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$)

Violation Final Penalty total \$1,500

This Violation Final Assessed Penalty (adjusted for limits) \$1,500

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	20-Dec-2001	24-Sep-2003	1.8	\$29	\$587	\$617
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to conduct necessary maintenance repairs.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$617

The Board of Directors has the honor to acknowledge the many contributions of our members and the public at large during the past year. The success of our organization is dependent upon the cooperation and support of all those who have faith in our mission. We are particularly grateful to our members for their continued loyalty and to our friends for their generous contributions.

The financial statement for the year ending December 31, 1948, shows a net gain of \$10,000. This gain was due to the increase in contributions and the decrease in operating expenses. The Board of Directors has approved the financial statement and the distribution of the net gain to our members.

The Board of Directors has also approved the following resolutions:

- To continue the work of the organization in the year 1949.
- To accept the resignation of Mr. John Doe from the Board of Directors.
- To elect Mr. Jane Smith to the Board of Directors.

RESOLUTIONS OF THE BOARD OF DIRECTORS

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101243103; Public Water Supply ID 2040055
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 2
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(A)(i)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide a well capacity of 1.5 gallons per minute ("gpm") per connection. The respondent is required to provide 42 gpm and was only providing 22 gpm, indicating a 47.6% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Actual				Percent 25%
	Potential		x		

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes
 Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes
 Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) \$1,062 **Violation Final Penalty total** \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the tools used for data collection.

3. The third part of the document presents the results of the study. It includes a series of tables and graphs that illustrate the findings and trends observed during the experiment.

4. The fourth part of the document discusses the implications of the findings and their potential applications. It highlights the significance of the results and their contribution to the field of study.

5. The fifth part of the document concludes the study and provides a summary of the key findings. It also includes a list of references and a bibliography of the sources used in the research.

6. The sixth part of the document provides a detailed analysis of the data and discusses the various factors that may have influenced the results. It includes a series of charts and graphs that illustrate the data trends.

7. The seventh part of the document discusses the limitations of the study and the potential areas for future research. It highlights the need for further investigation and the importance of ongoing research in this field.

8. The eighth part of the document provides a final summary of the study and its findings. It includes a list of key points and a conclusion that summarizes the overall results of the research.

9. The ninth part of the document includes a list of references and a bibliography of the sources used in the study. It provides a comprehensive list of the literature reviewed and cited throughout the document.

10. The tenth part of the document provides a final summary of the study and its findings. It includes a list of key points and a conclusion that summarizes the overall results of the research.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Riverview Terrace Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost No commas or \$	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	20-Dec-2001	1-Jan-2005	3.0	\$51	\$1,012	\$1,062
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional well capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101243103 RIVERVIEW TERRACE
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 2040056
Location:
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
12/20/01
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I.

Participation in a voluntary pollution reduction program.

N/A

J.

Early compliance.

N/A

Sites Outside of Texas

N/A



Policy Revision 2 (09/02)

Penalty Calculation Worksheet (PCW)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water System)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101280790; Public Water Supply ID 1870012

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343
 Docket No. 2003-0639-PWS-E No. Violations 3
 Case Priority 3 Order Type 1660 with deferral
 Enf. Coordinator Audra L. Rubie EC's Team Enforcement Team 6
 Media Program(s) Public Water Supply
 Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$3,100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: No. The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

Notes: The Respondent is not yet in compliance. +

Extraordinary	Before NOV	NOV to EDPRP/Settlement Offer
Ordinary		
None of the above	X	(mark with small x)

Economic Benefit 0% Enhancement* Subtotal 6 \$0

Notes: =

\$2,127	Total EB Amounts	*Capped at the Total EB \$ Amount
\$10,000	Approx. Cost of Compliance	

SUM OF SUBTOTALS 1-7 Final Subtotal \$3,100

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Notes: =

Final Penalty Amount \$3,100

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$3,100

DEFERRAL Deferral 20% Reduction Adjustment \$620

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$2,480

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water System)			on 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101280790; Public Water Supply ID 1870012			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	Off Farm-to-Market Road 3126, east of Farm-to-Market Road 350, adjacent to Beacon Bay Subdivision, near Livingston, Polk County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

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Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW	
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water Supply)			Revision 2 (09/02)	
Case ID No.	343	PCW Revision 2/10/2004			
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101280790; Public Water Supply ID 1870012				
Media [Statute]	Public Water Supply				
Enf. Coordinator	Audra L. Ruble				
Violation Number	1				
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(ii)				
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)				
Violation Description	Failure to provide a total storage capacity of 200 gallons per connection. The respondent is required to provide 10,600 gallons and has no storage tanks, indicating a 100% deficiency.				
Base Penalty				\$1,000	
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Potential	x	<input type="text"/>	<input type="text"/>	Percent 50%
» Programmatic Matrix					
	Falsification	Major	Moderate	Minor	
OR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.				
Adjustment				-\$500	
Base Penalty Subtotal				\$500	
Violation Events					
Number of Violation Events		3			
mark only one; use small x	daily	<input type="text"/>			
	monthly	<input type="text"/>			
	quarterly	<input type="text"/>			
	semiannual	x			
	annual	<input type="text"/>			
	single event	<input type="text"/>			
Violation Base Penalty				\$1,500	
Events Notes	Three semiannual events are recommended from date of investigation (December 19, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$)		\$2,127		Violation Final Penalty total \$1,500	
This Violation Final Assessed Penalty (adjusted for limits)				\$1,500	

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	19-Dec-2001	1-Jan-2005	3.0	\$101	\$2,026	\$2,127
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional service pump, storage, and pressure tank capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail. The records should be kept up-to-date and should be accessible to all relevant parties.

2. The second part of the document outlines the procedures for handling cash receipts and payments. It is important to ensure that all receipts are properly issued and that payments are made in a timely and accurate manner. This helps to prevent errors and ensures that the company's cash flow is well-managed.

3. The third part of the document discusses the process of reconciling bank statements. This involves comparing the company's records with the bank's records to ensure that they match. Any discrepancies should be investigated and resolved as soon as possible.

4. The fourth part of the document outlines the procedures for handling payroll. It is important to ensure that all employees are paid accurately and on time. This helps to maintain employee morale and ensures that the company's financial obligations are met.

5. The fifth part of the document discusses the process of preparing financial statements. This involves summarizing the company's financial performance over a specific period. The statements should be prepared accurately and should be reviewed by management before being distributed to stakeholders.

6. The sixth part of the document outlines the procedures for handling tax matters. It is important to ensure that all taxes are paid on time and that the company is taking full advantage of all available tax incentives. This helps to minimize the company's tax liability and maximize its profitability.

7. The seventh part of the document discusses the process of budgeting. This involves setting financial goals for the company and determining the resources needed to achieve them. The budget should be reviewed regularly to ensure that the company is staying on track.

8. The eighth part of the document outlines the procedures for handling financial risk. This involves identifying potential risks to the company's financial stability and developing strategies to mitigate them. This helps to ensure that the company is able to withstand unexpected financial challenges.

9. The ninth part of the document discusses the process of financial reporting. This involves providing regular reports to management and stakeholders on the company's financial performance. The reports should be clear, concise, and easy to understand.

10. The tenth part of the document outlines the procedures for handling financial audits. It is important to ensure that the company's financial records are accurate and that all transactions are properly documented. This helps to build trust with stakeholders and ensures that the company is in compliance with all relevant regulations.

11. The eleventh part of the document discusses the process of financial forecasting. This involves predicting the company's future financial performance based on current trends and market conditions. The forecasts should be used to guide the company's strategic planning and decision-making.

12. The twelfth part of the document outlines the procedures for handling financial disputes. It is important to ensure that all disputes are resolved in a fair and timely manner. This helps to maintain the company's reputation and ensures that its financial interests are protected.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water Supply)			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101280790; Public Water Supply ID 1870012			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	2			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(iii)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide two or more service pumps with a total capacity of 2.0 gallons per minute ("gpm") per connection. The respondent is required to provide 106 gpm and has no service pumps, indicating a 100% deficiency.			

Base Penalty \$1,000

» Environmental, Property and Human Health Matrix

Harm

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential	X		

Percent 50%

» Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	X
annual	
single event	

Violation Base Penalty \$1,500

Events Notes

Three semiannual events are recommended from date of investigation (December 19, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$1,500

This Violation Final Assessed Penalty (adjusted for limits) \$1,500

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 1.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Table 1. Summary of the study design, including the number of participants, the number of trials, and the number of correct responses.

Condition	Number of Participants	Number of Trials	Number of Correct Responses
Control	10	100	85
Low	10	100	75
Medium	10	100	65
High	10	100	55

Table 2. Summary of the study design, including the number of participants, the number of trials, and the number of correct responses.

Condition	Number of Participants	Number of Trials	Number of Correct Responses
Control	10	100	85
Low	10	100	75
Medium	10	100	65
High	10	100	55

The study was conducted in a laboratory setting. Participants were seated at a computer workstation and were instructed to respond to the stimuli as quickly and accurately as possible. The stimuli were presented on the screen, and the response was recorded by the computer. The data were then analyzed to determine the effect of the different conditions on the number of correct responses.

The results of the study are shown in Table 1 and Table 2. The number of correct responses decreased as the difficulty of the task increased. This is consistent with the hypothesis that the number of correct responses is affected by the difficulty of the task. The control condition, which had the lowest difficulty, resulted in the highest number of correct responses (85%). The low condition resulted in 75% correct responses, the medium condition resulted in 65% correct responses, and the high condition resulted in 55% correct responses. This suggests that the number of correct responses is affected by the difficulty of the task, and that the number of correct responses decreases as the difficulty of the task increases.

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water Supply)			Revision 2 (09/02)
Case ID No.	343			PCW Revision 2/10/2004
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101280790; Public Water Supply ID 1870012			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	3			
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(iv)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a pressure tank capacity of 50 gallons per connection. The respondent is required to provide 1060 gallons and was only providing 1000 gallons, indicating a 5.7% deficiency.			

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Actual				Percent 10%
	Potential			x	

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$900

Base Penalty Subtotal \$100

Violation Events

Number of Violation Events 1

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty \$100

Events Notes

One single event is recommended based on the date of investigation (December 19, 2001).

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$0

Violation Final Penalty total \$100

This Violation Final Assessed Penalty (adjusted for limits) \$100

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Weavers Cove Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Economic benefit addressed under violation 1.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101280790 WEAVERS COVE WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870012
Location: OFF FM 3126, EAST OF FM 350, ADJACENT TO BEACON BAY SUBDIVISION, Polk County
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999* to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/19/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A



Policy Revision 2 (09/02)

Penalty Calculation Worksheet (PCW)

PCW Revision 2/10/2004

DATES

PCW Screening Priority Due EPA Due

RESPONDENT INFORMATION

Respondent
 Respondent/Site ID No(s)
 Facility/Site Region Major/Minor Source

CASE INFORMATION

Enf./Case ID No(s) Docket No. No. Violations
 Case Priority Order Type
 Enf. Coordinator EC's Team
 Media Program(s)
 Admin. Penalty \$ Limit Minimum Maximum

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History Enhancement Subtotals 2, 3 & 7

Notes +

Culpability Enhancement Subtotal 4

Notes +

Good Faith Effort to Comply Reduction Subtotal 5

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary	<input type="text"/>	<input type="text"/>	
Ordinary	<input type="text"/>	<input type="text"/>	
None of the above	<input checked="" type="checkbox"/>	<small>(mark with small x)</small>	+

Notes +

Economic Benefit Enhancement* Subtotal 6

	\$1,084	Total EB Amounts	
	\$5,100	Approx. Cost of Compliance	=

*Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 Final Subtotal

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes =

Final Penalty Amount

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty

DEFERRAL Reduction Adjustment

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes =

PAYABLE PENALTY

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and focus groups to gather insights from stakeholders and customers.

3. The third part of the document describes the process of identifying and addressing key challenges and opportunities. This involves conducting a thorough analysis of the current state of the organization and developing a strategic plan to address these issues.

4. The fourth part of the document details the implementation of the strategic plan. This includes the development of specific action plans, the allocation of resources, and the monitoring and evaluation of progress.

5. The fifth part of the document discusses the importance of communication and collaboration in the implementation process. This involves ensuring that all stakeholders are informed and engaged in the process, and that there is a strong focus on teamwork and collaboration.

6. The sixth part of the document describes the process of reviewing and evaluating the organization's performance. This involves conducting regular assessments and using the results to inform future decision-making and strategic planning.

7. The seventh part of the document discusses the importance of continuous improvement and innovation. This involves identifying areas for improvement and developing new products, services, and processes to stay ahead of the competition.

8. The eighth part of the document describes the process of implementing and monitoring the organization's risk management strategy. This involves identifying potential risks, assessing their impact, and developing plans to mitigate or avoid them.

9. The ninth part of the document discusses the importance of maintaining a strong corporate culture and values. This involves promoting a sense of purpose and mission, and ensuring that all employees are aligned with the organization's core values.

10. The tenth part of the document describes the process of reviewing and evaluating the organization's overall performance. This involves conducting a comprehensive assessment of the organization's strengths and weaknesses, and using the results to inform future strategic planning and decision-making.

Screening Date	10-Apr-2003	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Wiggins Village #2)	Policy Revision	2 (09/02)	
Case ID No.	343	PCW Revision	2/10/2004	
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101454106; Public Water Supply ID 1870046			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Site Address	On Farm-to-Market Road 2457, left on Chris Brent Drive, approximately 5.5 miles from Livingston, Polk County			

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement is recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the statistical tools employed.

3. The third part of the document presents the results of the study, showing the trends and patterns observed in the data. It includes several tables and graphs to illustrate the findings.

4. The fourth part of the document discusses the implications of the findings and provides recommendations for future research. It highlights the areas that need further exploration and the potential applications of the study.

5. The fifth part of the document concludes the study, summarizing the key points and the overall contribution of the research. It expresses the hope that the findings will be useful to other researchers in the field.

6. The sixth part of the document contains the references and the list of sources used in the study. It provides a comprehensive overview of the literature related to the topic.

7. The seventh part of the document is the appendix, which contains additional information and data that are not included in the main text. It provides a detailed look at the raw data and the calculations used in the analysis.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wiggins Village #2) Revision 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101454106; Public Water Supply ID 1870046
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="50%"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text"/>

Matrix Notes

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$500

Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$)

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wiggins Village #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)	\$100	29-Nov-2001	1-Mar-2002	0.3	\$1	n/a	\$1

Notes for DELAYED costs

Estimated cost to conduct sampling correctly.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In addition, the document outlines the necessary steps for reconciling accounts. This involves comparing the internal records with the bank statements to identify any discrepancies. If a difference is found, it is crucial to investigate the cause immediately to prevent further errors.

Furthermore, the document highlights the need for regular audits. These audits help to detect any irregularities or potential fraud early on. By conducting audits on a consistent basis, the organization can maintain the integrity of its financial data.

Finally, the document stresses the importance of keeping all financial records secure. This includes implementing proper access controls and ensuring that the data is backed up regularly to prevent loss in the event of a disaster.

Conclusion

In conclusion, the document provides a comprehensive overview of the key principles and practices for effective financial record-keeping. By following these guidelines, organizations can ensure that their financial data is accurate, secure, and reliable.

The document also includes a list of recommended resources for further reading. These resources provide additional information on various aspects of financial management and accounting.

Overall, the document serves as a valuable guide for anyone responsible for managing the financial affairs of an organization. It offers practical advice and clear instructions to help ensure the highest standards of financial integrity.

Date: _____
 Signature: _____

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wiggins Village #2) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101454106; Public Water Supply ID 1870046
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite 30 Tex. Admin. Code § 290.41(c)(3)(B)
Secondary Cite(s) 30 Tex. Admin. Code § 290.41(c)(3)(J) and Order, Docket No. 31328-S
Violation Description Failure to provide an 18" well casing on wells 1 and 3. Failure to provide a proper concrete sealing block for well 1.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

Release	Harm		
	Major	Moderate	Minor
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>
Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Percent

» **Programmatic Matrix**

Falsification	Major	Moderate	Minor
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Percent

Matrix Notes Human health will or could be exposed to significant amounts of pollutants which would exceed levels that are protective of human health.

Adjustment

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input checked="" type="checkbox"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$3,000

Events Notes Six semiannual events (three per well) are recommended based on investigation (November 29, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$) **Violation Final Penalty total** \$3,000

This Violation Final Assessed Penalty (adjusted for limits) \$3,000

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It provides a detailed overview of the steps involved in identifying key performance indicators (KPIs) and using data to inform strategic decisions.

4. The fourth part of the document discusses the challenges and risks associated with data management and analysis. It offers practical advice on how to mitigate these risks and ensure the integrity and security of the data.

5. The fifth part of the document provides a summary of the key findings and conclusions of the study. It reiterates the importance of data-driven decision-making and offers recommendations for future research and practice.

6. The sixth part of the document includes a list of references and a glossary of terms. The references cite various academic and industry sources that have informed the research. The glossary defines key terms used throughout the document.

7. The seventh part of the document contains a list of appendices, which provide additional information and data related to the study. These appendices are intended to support the main text and provide a more comprehensive view of the research.

8. The eighth part of the document is a concluding statement that summarizes the overall purpose and findings of the document. It expresses the hope that the information provided will be useful and informative to the reader.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wiggins Village #2)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$5,000	29-Nov-2001	1-Jan-2005	3.1	\$52	\$1,031	\$1,083
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to correct well deficiencies.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance \$5,000

TOTAL \$1,083

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101454106 WIGGINS VILLAGE 2
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870046
Location: on FM 2457, left on Chris Brent Dr, approx 5.5 miles from Livingston, Polk County
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 11/29/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I. **Participation in a voluntary pollution reduction program.**

N/A

J. **Early compliance.**

N/A

Sites Outside of Texas

N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW 1-Apr-2004 Screening 10-Apr-2003 Priority Due 8-Aug-2003 EPA Due

RESPONDENT INFORMATION

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country Water System)

Respondent/Site ID No(s) Customer No. 600623029; Regulated Entity No.101285484; Public Water Supply ID 2040056

Facility/Site Region 10 - Beaumont Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No(s) 343 No. Violations 3

Docket No. 2003-0639-PWS-E Order Type 1660 with deferral

Case Priority 3 EC's Team Enforcement Team 6

Enf. Coordinator Audra L. Ruble Media Program(s) Public Water Supply

Admin. Penalty \$ Limit Minimum \$50 Maximum \$1,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$2,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7 \$0

Notes: No enhancement recommended due to compliance history. +

Culpability 0% Enhancement Subtotal 4 \$0

Notes: The Respondent does not meet the culpability criteria. +

Good Faith Effort to Comply 0% Reduction Subtotal 5 \$0

	Before NOV	NOV to EDPRP/Settlement Offer	
Extraordinary			
Ordinary			
None of the above	X	(mark with small x)	+

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* Subtotal 6 \$0

	\$2,139 Total EB Amounts	*Capped at the Total EB \$ Amount	
	\$11,000 Approx. Cost of Compliance		=

SUM OF SUBTOTALS 1-7 Final Subtotal \$2,000

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: =

Final Penalty Amount \$2,000

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$2,000

DEFERRAL Deferral 20% Reduction Adjustment \$400

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: No previous NOV's for the same or similar violations have been noted for the last five years. =

PAYABLE PENALTY \$1,600

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial operations.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the analysis and interpretation of the collected data. It discusses the various statistical and analytical tools used to identify trends, patterns, and anomalies in the data.

4. The fourth part of the document addresses the challenges and limitations of data analysis. It notes that while data analysis provides valuable insights, it is not without its own set of challenges, such as data quality and bias.

5. The fifth part of the document discusses the importance of data security and privacy. It emphasizes that organizations must implement robust security measures to protect sensitive data from unauthorized access and disclosure.

6. The sixth part of the document discusses the role of data in strategic planning and decision-making. It notes that data-driven insights are crucial for identifying opportunities, assessing risks, and developing effective strategies.

7. The seventh part of the document discusses the future of data analysis and the impact of emerging technologies. It notes that advances in artificial intelligence and machine learning are expected to revolutionize the way data is analyzed and interpreted.

8. The eighth part of the document discusses the importance of data literacy and training. It emphasizes that organizations must invest in training and education to ensure that their employees have the skills and knowledge needed to effectively use data.

9. The ninth part of the document discusses the ethical implications of data analysis. It notes that organizations must be mindful of the potential for bias, discrimination, and privacy violations when using data.

10. The tenth part of the document discusses the importance of data governance and compliance. It emphasizes that organizations must establish clear policies and procedures to ensure that data is collected, stored, and used in a responsible and compliant manner.

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country Water System) on 2 (09/02)
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101285484; Public Water Supply ID 2040056
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address Located off of 190 west, Farm-to-Market Road 3126 South, off of Lake Livingston Blvd, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
Other	<i>Please enter Yes or No</i>		
	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document discusses the importance of data governance and the role of various stakeholders in ensuring data integrity and compliance with regulatory requirements.

6. The sixth part of the document explores the future of data management, including emerging trends like artificial intelligence and big data analytics, and how they will impact the way organizations handle their data.

7. The seventh part of the document provides a summary of the key points discussed and offers recommendations for best practices in data management and analysis.

8. The eighth part of the document includes a list of references and resources for further reading on the topics discussed in the document.

9. The ninth part of the document contains a glossary of key terms and definitions used throughout the document to ensure clarity and consistency.

10. The final part of the document is a conclusion that reiterates the importance of data management and the need for continuous improvement in this field.

Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101285484; Public Water Supply ID 2040056
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number 1
Primary Rule Cite 30 Tex. Admin. Code § 290.45(b)(1)(A)(i)
Secondary Cite(s) Tex. Health & Safety Code § 341.0315(c)
Violation Description Failure to provide a well capacity of 1.5 gallons per minute ("gpm") per connection. The respondent is required to provide 40.5 gpm and was only providing 30 gpm, indicating a 25.9% deficiency.

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
		Major	Moderate	Minor	
OR	Release Actual				Percent 25%
	Potential		x		

» **Programmatic Matrix**

		Major	Moderate	Minor	
OR	Falsification				Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes

Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount (\$) \$2,125

Violation Final Penalty total \$750

This Violation Final Assessed Penalty (adjusted for limits) \$750

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country Water System)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$10,000	20-Dec-2001	1-Jan-2005	3.0	\$101	\$2,024	\$2,125
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional well and pressure tank capacities.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

The Board of Directors has reviewed the financial statements and the accompanying notes and has approved the financial statements for the year ended December 31, 1998.

The Board of Directors has also approved the following resolutions:

Resolved, that the Board of Directors authorize the issuance of up to \$10,000,000 of common stock, without interest, to the employees of the Corporation, subject to the terms and conditions set forth in the attached resolution.

Resolved, that the Board of Directors authorize the issuance of up to \$10,000,000 of common stock, without interest, to the employees of the Corporation, subject to the terms and conditions set forth in the attached resolution.

Resolved, that the Board of Directors authorize the issuance of up to \$10,000,000 of common stock, without interest, to the employees of the Corporation, subject to the terms and conditions set forth in the attached resolution.

The Board of Directors has also approved the following resolutions:

Resolved, that the Board of Directors authorize the issuance of up to \$10,000,000 of common stock, without interest, to the employees of the Corporation, subject to the terms and conditions set forth in the attached resolution.

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Screening Date 10-Apr-03 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country) **Revision 2 (09/02)**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101285484; Public Water Supply ID 2040056
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Violation Number
Primary Rule Cite
Secondary Cite(s)
Violation Description

Base Penalty \$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
Release		Major	Moderate	Minor	
OR	Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>	Percent <input type="text" value="50%"/>
	Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

» **Programmatic Matrix**

Falsification		Major	Moderate	Minor	Percent
OR	<input type="text"/>				

Matrix Notes

Adjustment -\$500

Base Penalty Subtotal \$500

Violation Events

Number of Violation Events

mark only one; use small x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input checked="" type="checkbox"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty \$500

Events Notes

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount (\$)

Violation Final Penalty total \$500

This Violation Final Assessed Penalty (adjusted for limits) \$500

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$1,000	20-Dec-2001	1-Mar-2002	0.2	\$1	\$13	\$14
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to conduct necessary maintenance repairs.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

Screening Date	10-Apr-03	Docket Number	2003-0639-PWS-E	PCW
Respondent	Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country)			Revision 2 (09/02)
Case ID No.	343	PCW Revision 2/10/2004		
Respondent/Site ID No.	Customer No. 600623029; Regulated Entity No.101285484; Public Water Supply ID 2040056			
Media [Statute]	Public Water Supply			
Enf. Coordinator	Audra L. Ruble			
Violation Number	3			
Primary Rule Cite	30 Tex. Admin. Code §290.45(b)(1)(A)(ii)			
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)			
Violation Description	Failure to provide a pressure tank capacity of 50 gallons per connection. The respondent is required to provide 1350 gallons and was only providing 1000 gallons, indicating a 25.9% deficiency.			
Base Penalty				\$1,000

» **Environmental, Property and Human Health Matrix**

		Harm			
	Release	Major	Moderate	Minor	
OR	Actual				
	Potential		x		Percent 25%

» **Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
OR					Percent

Matrix Notes

Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.

Adjustment -\$750

Base Penalty Subtotal \$250

Violation Events

Number of Violation Events 3

mark only one; use small x

daily	
monthly	
quarterly	
semiannual	x
annual	
single event	

Violation Base Penalty \$750

Events Notes

Three semiannual events are recommended from date of investigation (December 20, 2001) to screening (April 10, 2003) to make penalty commensurate with situation.

Economic Benefit (EB) for this violation	Statutory Limit Test
Estimated EB Amount (\$) \$0	Violation Final Penalty total \$750
This Violation Final Assessed Penalty (adjusted for limits) \$750	

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wild Bird Country Water System)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs
 Economic benefit addressed under violation 1.

Avoided Costs **ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)**

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY
PHYSICS

PHYSICAL CHEMISTRY
PHYSICS

PHYSICAL CHEMISTRY
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PHYSICAL CHEMISTRY

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101285484 WILD BIRD COUNTRY WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PWS ID 2040056
Location: OFF OF 190 WEST, FARM-TO-MARKET ROAD 3126 SOUTH, OFF OF LAKE LIVINGSTON BLVD, POLK COUNTY
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. if Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 12/20/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).

- N/A
- H. **Voluntary on-site compliance assessment dates.**
- N/A
- I. **Participation in a voluntary pollution reduction program.**
- N/A
- J. **Early compliance.**
- N/A
- Sites Outside of Texas
- N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (09/02)

PCW Revision 2/10/2004

DATES

PCW: 1-Oct-2004 Screening: 10-Apr-2003 Priority Due: 8-Aug-2003 EPA Due: _____

RESPONDENT INFORMATION

Respondent: Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estates Water Supply)

Respondent/Site ID No(s): Customer No. 600623029; Regulated Entity No. 101263226; Public Water Supply ID 1870051

Facility/Site Region: 10 - Beaumont Major/Minor Source: Major

CASE INFORMATION

Enf./Case ID No(s): 343

Docket No.: 2003-0639-PWS-E

Case Priority: 3

Enf. Coordinator: Audra L. Ruble

Media Program(s): Public Water Supply

Admin. Penalty \$ Limit: Minimum \$50 Maximum \$1,000

No. Violations: 2

Order Type: 1660 with deferral

EC's Team: Enforcement Team 6

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)

Subtotal 1: \$350

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 0% Enhancement Subtotals 2, 3 & 7: \$0

Notes: No enhancement recommended due to compliance history.

Culpability 0% Enhancement Subtotal 4: \$0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 0% Reduction Subtotal 5: \$0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
None of the above	X	(mark with small x)

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* Subtotal 6: \$0

\$443	Total EB Amounts	*Capped at the Total EB \$ Amount
\$2,100	Approx. Cost of Compliance	=

SUM OF SUBTOTALS 1-7

Final Subtotal: \$350

OTHER FACTORS AS JUSTICE MAY REQUIRE

Adjustment: \$0

Reduces or enhances the Final Subtotal by the indicated percentage. (enter number only; e.g. -30 for -30%)

Notes: _____

Final Penalty Amount: \$350

STATUTORY LIMIT ADJUSTMENT

Final Assessed Penalty: \$350

DEFERRAL

Deferral: 20% Reduction

Adjustment: \$70

Reduces the Final Assessed Penalty by the indicated percentage. (enter number only; e.g. 20 for 20% reduction)

Notes: No previous NOV's for the same or similar violations have been noted for the last five years.

PAYABLE PENALTY

\$280

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It discusses how the collected data is used to identify trends, assess risks, and inform strategic planning, ultimately leading to improved organizational performance.

4. The fourth part of the document addresses the challenges and limitations associated with data analysis. It notes that while data provides valuable insights, it is not infallible and must be interpreted with care, taking into account potential biases and uncertainties.

5. The fifth part of the document discusses the ethical considerations surrounding data collection and analysis. It stresses the importance of protecting individual privacy, ensuring data security, and using data responsibly to avoid any potential misuse or discrimination.

6. The sixth part of the document provides a summary of the key findings and conclusions drawn from the analysis. It reiterates the significance of data in driving organizational success and the need for ongoing monitoring and evaluation of data-driven strategies.

7. The seventh part of the document offers recommendations for future research and practice. It suggests exploring new data sources, refining analytical models, and fostering a data-driven culture throughout the organization to maximize the benefits of data analysis.

8. The eighth part of the document concludes by emphasizing the role of data in shaping the future of the organization. It states that by embracing data-driven insights and acting on them, the organization can achieve sustainable growth and long-term success.

9. The ninth part of the document provides a final overview of the document's structure and content, ensuring that the reader has a clear understanding of the information presented. It also includes a list of references and a glossary of key terms used throughout the document.

10. The tenth part of the document is a concluding statement that expresses the author's hope that the document will provide valuable insights and practical guidance to all those interested in data-driven decision-making and organizational performance.

Screening Date 10-Apr-2003 **Docket Number** 2003-0639-PWS-E **PCW**
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estates Water Supply) **PCW**
Case ID No. 343 **PCW Revision** 2/10/2004
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101263226; Public Water Supply ID 1870051
Media [Statute] Public Water Supply
Enf. Coordinator Audra L. Ruble
Site Address On Wilson Lake Road off of Highway 1276, near Livingston, Polk County

Compliance History Worksheet

>> **Compliance History Site Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	0	0%
<i>Please enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 0%

>> **Repeat Violator (Subtotal 3)**

N/A Select Yes/No

Adjustment Percentage (Subtotal 3) 0%

>> **Compliance History Person Classification (Subtotal 7)**

N/A Select High, Average or Poor

Adjustment Percentage (Subtotal 7) 0%

Compliance History Summary

Compliance History Notes

No enhancement recommended due to compliance history.

Total Adjustment Percentage (Subtotals 2, 3 & 7) 0%

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estate)	Revision 2 (09/02)	
Case ID No. 343	PCW Revision 2/10/2004	
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101263226; Public Water Supply ID 1870051		
Media [Statute] Public Water Supply		
Enf. Coordinator Audra L. Ruble		
Violation Number	1	
Primary Rule Cite	30 Tex. Admin. Code § 290.46(f)(2)	
Secondary Cite(s)		
Violation Description	Failure to maintain records of annual pressure tank inspections.	
Base Penalty		\$1,000
» Environmental, Property and Human Health Matrix		
Harm		
	Release	Major Moderate Minor
OR	Actual	<input type="text"/> <input type="text"/> <input type="text"/>
	Potential	<input type="text"/> <input type="text"/> <input type="text"/>
		Percent <input type="text"/>
» Programmatic Matrix		
	Falsification	Major Moderate Minor
OR	<input type="text"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
		Percent <input type="text"/> 25%
Matrix Notes	100% of the rule requirement was not met.	
Adjustment		-\$750
Base Penalty Subtotal		\$250
Violation Events		
Number of Violation Events		1
<i>mark only one; use small x</i>	daily	<input type="text"/>
	monthly	<input type="text"/>
	quarterly	<input type="text"/>
	semiannual	<input type="text"/>
	annual	<input type="text"/>
	single event	<input checked="" type="checkbox"/>
Violation Base Penalty		\$250
Events Notes	One single event is recommended based on the date of inspection (November 28, 2001).	
Economic Benefit (EB) for this violation Statutory Limit Test		
Estimated EB Amount (\$) <input type="text"/> \$9		Violation Final Penalty total <input type="text"/> \$250
This Violation Final Assessed Penalty (adjusted for limits)		\$250

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to ensure the validity of the findings.

3. The third part of the document describes the results of the data analysis and the key findings. It identifies the main trends and patterns observed in the data, as well as the implications for the organization's performance and strategy.

4. The fourth part of the document discusses the conclusions drawn from the analysis and the recommendations for future actions. It provides a clear and concise summary of the key points and offers practical advice on how to address the identified issues.

5. The fifth part of the document provides a detailed overview of the data collection process, including the methods used, the sources of data, and the steps taken to ensure data quality and integrity.

6. The sixth part of the document discusses the challenges faced during the data collection and analysis process. It identifies the main obstacles and provides strategies to overcome them, ensuring that the data is accurate and reliable.

7. The seventh part of the document provides a detailed overview of the data analysis process, including the methods used, the tools used, and the steps taken to ensure the accuracy and reliability of the results.

8. The eighth part of the document discusses the implications of the findings for the organization's performance and strategy. It provides a clear and concise summary of the key points and offers practical advice on how to address the identified issues.

9. The ninth part of the document provides a detailed overview of the data collection process, including the methods used, the sources of data, and the steps taken to ensure data quality and integrity.

10. The tenth part of the document discusses the challenges faced during the data collection and analysis process. It identifies the main obstacles and provides strategies to overcome them, ensuring that the data is accurate and reliable.

11. The eleventh part of the document provides a detailed overview of the data analysis process, including the methods used, the tools used, and the steps taken to ensure the accuracy and reliability of the results.

12. The twelfth part of the document discusses the implications of the findings for the organization's performance and strategy. It provides a clear and concise summary of the key points and offers practical advice on how to address the identified issues.

13. The thirteenth part of the document provides a detailed overview of the data collection process, including the methods used, the sources of data, and the steps taken to ensure data quality and integrity.

14. The fourteenth part of the document discusses the challenges faced during the data collection and analysis process. It identifies the main obstacles and provides strategies to overcome them, ensuring that the data is accurate and reliable.

15. The fifteenth part of the document provides a detailed overview of the data analysis process, including the methods used, the tools used, and the steps taken to ensure the accuracy and reliability of the results.

16. The sixteenth part of the document discusses the implications of the findings for the organization's performance and strategy. It provides a clear and concise summary of the key points and offers practical advice on how to address the identified issues.

Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estates Water Supply)
ID Number(s) 343
Media [Statute] Public Water Supply
Violation Number 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System	\$100	28-Nov-2001	24-Sep-2003	1.8	\$9	n/a	\$9
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to maintain records properly.
--

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

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Approx Cost of Compliance **TOTAL**

Screening Date 10-Apr-03	Docket Number 2003-0639-PWS-E	PCW			
Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estate)	Revision 2 (09/02)				
Case ID No. 343	PCW Revision 2/10/2004				
Respondent/Site ID No. Customer No. 600623029; Regulated Entity No.101263226; Public Water Supply ID 1870051					
Media [Statute] Public Water Supply					
Enf. Coordinator Audra L. Ruble					
Violation Number	2				
Primary Rule Cite	30 Tex. Admin. Code § 290.45(b)(1)(C)(iii)				
Secondary Cite(s)	Tex. Health & Safety Code § 341.0315(c)				
Violation Description	Failure to provide a minimum service pump capacity of 2.0 gallons per minute ("gpm") per connection. The respondent is required to provide 150 gpm and was only providing 140 gpm, indicating a 6.7% deficiency.				
Base Penalty		\$1,000			
» Environmental, Property and Human Health Matrix					
Harm					
	Release	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px; text-align: center;">x</td></tr></table>			x	
		x			
Percent		10%			
» Programmatic Matrix					
	Falsification	Major Moderate Minor			
OR	Actual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>			
Potential	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr></table>				
Percent					
Matrix Notes	Failure to meet minimum water capacity requirements could result in service outages and impair the system's ability to provide a safe and adequate supply of water to the public.				
Adjustment		-\$900			
Base Penalty Subtotal		\$100			
Violation Events					
Number of Violation Events		1			
<i>mark only one; use small x</i>	daily	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	monthly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
	quarterly	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>			
semiannual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>				
annual	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px;"></td></tr></table>				
single event	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 50px; height: 15px; text-align: center;">x</td></tr></table>	x			
x					
Violation Base Penalty		\$100			
Events Notes	One single event is recommended based on the date of inspection (November 28, 2001).				
Economic Benefit (EB) for this violation		Statutory Limit Test			
Estimated EB Amount (\$) \$433		Violation Final Penalty total \$100			
This Violation Final Assessed Penalty (adjusted for limits)		\$100			

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Economic Benefit Worksheet

Respondent Lake Livingston Water Supply and Sewer Service Corporation (Wilson Lake Estates Water Supply)

ID Number(s) 343

Media [Statute] Public Water Supply

Violation Number 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>No commas or \$</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
------------------	---	---------------	------------	-----	----------------	---------------	-----------

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (As needed)				0.0	\$0	\$0	\$0
Engineering/construction	\$2,000	28-Nov-2001	1-Jan-2005	3.1	\$21	\$413	\$433
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (As Needed)				0.0	\$0	n/a	\$0

Notes for DELAYED costs

Estimated cost to provide additional service pump capacity.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	\$0	\$0	\$0
Personnel				0.0	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.0	\$0	\$0	\$0
Supplies/equip				0.0	\$0	\$0	\$0
Financial Assurance [2]				0.0	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0

Notes for AVOIDED costs

Approx Cost of Compliance

TOTAL

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual data entry and the use of specialized software tools. The goal is to ensure that the data is both accurate and easy to interpret.

The third part of the document provides a detailed breakdown of the results. It shows that there is a significant correlation between the variables being studied. This finding is supported by statistical analysis and is consistent with previous research in the field.

Finally, the document concludes with a series of recommendations for future research. It suggests that further studies should be conducted to explore the underlying causes of the observed trends. This will help to develop more effective strategies for addressing the issues at hand.

Appendix A: Data Collection Procedures

This appendix provides a step-by-step guide to the data collection process. It starts with the selection of the sample and the design of the data collection instrument. The author describes how the data was collected over a period of six months, ensuring that the data is representative of the population being studied.

The next section describes the data cleaning process. This involves identifying and removing any outliers or errors in the data. The author explains how this was done using statistical methods and manual review.

The final part of the appendix discusses the data analysis techniques used. This includes descriptive statistics, correlation analysis, and regression modeling. The author provides a clear explanation of how these techniques were applied to the data and what the results mean.

Compliance History
(For penalty calculation purposes only)

Customer/Respondent/Owner- CN600623029 Lake Livingston Water Supply & Sewer Service Corporation
Classification: Rating: 0.000
Regulated Entity: RN101263226 WILSON LAKE ESTATES WATER SYSTEM
Classification: Site Rating: 0.00
ID Number(s): PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1870051
Location: on Wilson Lake Rd off of Hwy 1276, Polk County
TCEQ Region: REGION 10 - BEAUMONT
Date Compliance History Prepared: April 07, 2004
Agency Decision Requiring Compliance History: Enforcement
Compliance Period: April 01, 1999 to April 01, 2004
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History Name: Audra Ruble Phone: 361-825-3126

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? No
3. If Yes, who is the current owner? N/A
4. If Yes, who was/were the prior owner(s)? N/A
5. When did the change(s) in ownership occur? N/A

Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
N/A
- B. Any criminal convictions of the state of Texas and the federal government.
N/A
- C. Chronic excessive emissions events.
N/A
- D. The dates of investigations.
1 11/28/2001
- E. Written notices of violations (NOV).
N/A
- F. Environmental audits.
N/A
- G. Type of environmental management systems (EMSs).
N/A
- H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A

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- b. Beech Creek Village, off of Highway 190, approximately 2.5 miles east of Livingston, Polk County, 116 connections, PWS No. 1870141, RN101192516;
- c. Big Thicket Retreat, off of Highway 787, right on County Road 2137, near Livingston, Hardin County, 31 connections, PWS No. 1000053, RN101186112;
- d. Country Sunrise, approximately seven miles south of Livingston off Farm-to-Market Road 1988, Polk County, 57 connections, PWS No. 1870136, RN101283323;
- e. Crystal Lakes, off of Highway 190, four miles east of Livingston, Polk County, 94 connections, PWS No. 1870044, RN101202109;
- f. Holiday Shores No. 1-2-3, on Farm-to-Market Road 224, approximately nine miles north of Coldspring, San Jacinto County, 252 connections, PWS No. 2040006, RN101190536;
- g. Holiday Shores No. 4, off of Farm-to-Market Road 156, approximately six miles east of Coldspring, San Jacinto County, 39 connections, PWS No. 2040011, RN101188878;
- h. Impala Woods, off Highway 190 on Gazalle Road, northwest of Onalaska, Polk County, 281 connections, PWS No. 1870094, RN101239333;
- i. Indian Hills #2, Farm-to-Market Road 3126, five miles west of Livingston, Polk County, 267 connections, PWS No. 1870020, RN101253136;
- j. Indian Springs Lake Estates, off of Highway 190, 7.5 miles east of Livingston, Polk County, 346 connections, PWS No. 1870040, RN101456952;
- k. Lake Livingston Estates No. 2 & 3, one mile north of Lake Livingston dam on Farm-to-Market Road 1988, near Livingston, Polk County, 108 connections, PWS No. 1870073, RN101454866;
- l. Lake Livingston Estates 4 & 5, located off of 190 west, Farm-to-Market Road 3126 South, off of Lake Livingston Boulevard, Polk County, 153 connections, PWS No. 1870027, RN103129342;
- m. Lake Run-A-Muck, two miles east of Highway 59 on Farm-to-Market Road 223, near Shepherd, San Jacinto County, 212 connections, PWS No. 2040009, RN101269694;
- n. Lake Tejas, four miles east of Shepherd off Highway 59 North, San Jacinto County, 94 connections, PWS No. 2040025, RN101272292;
- o. Northwoods, on Highway 190 East, 1.5 miles east of Point Blank, San Jacinto County, 188 connections, PWS No. 2040013, RN101242006;

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- p. Nugents Cove Water System, on Lake Livingston south of Farm-to-Market Road 2457, near Livingston, Polk County, 197 connections, PWS No.1870013, RN101259539;
 - q. Oakridge Water System, approximately 14 miles north of Onalaska on Highway 356 to White Rock Creek, Trinity County, 490 connections, PWS No.2280003, RN102693454;
 - r. Paradise Acres, on Farm-to-Market Road 356, approximately five miles west of Onalaska, Polk County, 387 connections, PWS No.1870076, RN101201960;
 - s. Pine Shadows Water System, Pine Shadows subdivision off Farm-to-Market Road 3277, near Livingston, Polk County, 686 connections, PWS No.1870025, RN101199776;
 - t. Point Lookout Estates, off of Highway 190 East, on Farm-to-Market Road 980, approximately 5.5 miles west of Coldspring, San Jacinto County, 174 connections, PWS No. 2040017, RN101264596;
 - u. Riverview Terrace Water System, off Farm-to-Market Road 222 on Spring Ridge Road, 1.8 miles southeast of Camilla, San Jacinto County, 28 connections, PWS No. 2040056, RN101243103;
 - v. Weavers Cove Water System, off Farm-to-Market Road 3126, east of Farm-to-Market Road 350, adjacent to Beacon Bay Subdivision, near Livingston, Polk County, 53 connections, PWS No. 1870012, RN101280790;
 - w. Wiggins Village #2, on Farm-to-Market Road 2457, left on Chris Brent Drive, approximately 5.5 miles from Livingston, Polk County, 158 connections, PWS No. 1870046, RN101454106;
 - x. Wild Bird Country Water System, located off of 190 west, Farm-to-Market Road 3126 South, off of Lake Livingston Blvd, Polk County, 27 connections, PWS No. 2040056, RN101285484; and
 - y. Wilson Lake Estates Water Supply, on Wilson Lake Road off of Highway 1276, near Livingston, Polk County, 75 connections, PWS No. 1870051, RN101263226.
2. Lake Livingston owns and operates, in Texas and for compensation, equipment or facilities for the transmission, storage, distribution, sale, or provision of potable water to the public or for the resale of potable water to the public for any use. Lake Livingston is not exempt from regulation under TEX. WATER CODE ch. 13 or the rules of the commission.
 3. The Commission and Lake Livingston agree that the Commission has jurisdiction to enter this Agreed Order, and that Lake Livingston is subject to the Commission's jurisdiction.
 4. Lake Livingston received notice of the violations alleged in Section II ("Allegations") on or about June 25, 2003.

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5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by Lake Livingston of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Sixty-Three Thousand Four Hundred Fifty-Six Dollars (\$63,456) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). Lake Livingston has paid One Thousand Seven Hundred Sixty-Four Dollars (\$1,764) of the administrative penalty and Twelve Thousand Six Hundred Ninety-Two Dollars (\$12,692) is deferred contingent upon Lake Livingston's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If Lake Livingston fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require Lake Livingston to pay all or part of the deferred penalty.

The remaining amount of Forty-Nine Thousand Dollars (\$49,000) of the administrative penalty shall be payable in monthly 35 payments of One Thousand Four Hundred Dollars (\$1,400) each. The first monthly payment shall be paid within 30 days after the effective date of this Agreed Order. The subsequent payments shall each be paid not later than 30 days following the due date of the previous payment, until the penalty amount has been paid in full. If Lake Livingston fails to timely and satisfactorily comply with the payment requirements of this Agreed Order, the Executive Director may, at the Executive Director's option, accelerate the maturity of the remaining installments, in which event the unpaid balance shall become immediately due and payable without demand or notice. In addition, the failure of Lake Livingston to meet the payment schedule of this Agreed Order constitutes the failure by Lake Livingston to timely and satisfactorily comply with all the terms of this Agreed Order.

7. Any notice and procedures which might otherwise be authorized or required in this action are waived in the interest of a more timely resolution of the matter.
8. The Executive Director of the TCEQ and Lake Livingston have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
9. The Executive Director recognizes that Lake Livingston has implemented the following corrective measures at the Facilities:
 - a. Submitted correspondence dated September 24, 2003 demonstrating that the violations described in Allegations 2.a. and b., 3.a., 4.a., 5.a., 6.a. through 6.f., 8.a. through 8.d., 9.d. through 9.f., 10.a. through 10.d., 11.a. and c., 12.a. through 12.d., 14.a., 15.b. and c., 16.a. through 16.d., 16.h., 17.a. and 17.b., 17.d. and 17.e., 18.a. through 18.d., 19.a. through 19.c., 19.e., 20.a. through 20.e., and 20.g., 21.a., 23.a., 24.c., and 25.a. have been corrected; and
 - b. Submitted correspondence dated April 4, 2004 demonstrating that the violations described in Allegations 6.g. and h., 7.b. and c., 13.a. and b., and 17.f. through 17.k. have been corrected.

10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that Lake Livingston has not complied with one or more of the terms or conditions in this Agreed Order.
11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.
- 13.

II. ALLEGATIONS

1. As owner and operator of Bass Bay/Indian Hills #1, Lake Livingston is alleged to have failed to provide a well capacity of 1.5 gallons per minute ("gpm") per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on November 29, 2001.
2. As owner and operator of Beech Creek Village, Lake Livingston is alleged to have:
 - a. Failed to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on November 28, 2001;
 - b. Failed to maintain records of annual pressure tank inspections, in violation of 30 TEX. ADMIN. CODE § 290.46(f)(2), as documented during an investigation conducted on November 28, 2001;
 - c. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on November 28, 2001; and
 - d. Failed to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity, in violation of 30 TEX. ADMIN. CODE § 291.93(3), as documented during an investigation conducted on November 28, 2001.
3. As owner and operator of Big Thicket Retreat, Lake Livingston is alleged to have:
 - a. Failed to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on January 8, 2002;

1. The first part of the document is a letter from the author to the editor, dated 10/10/1954. The letter is addressed to the Editor of the Journal of the American Medical Association, Chicago, Illinois. The author is Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 10/10/1954.

2. The second part of the document is a letter from the editor to the author, dated 10/15/1954. The letter is addressed to Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 10/15/1954.

3. The third part of the document is a letter from the author to the editor, dated 10/20/1954. The letter is addressed to the Editor of the Journal of the American Medical Association, Chicago, Illinois. The author is Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 10/20/1954.

4. The fourth part of the document is a letter from the editor to the author, dated 10/25/1954. The letter is addressed to Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 10/25/1954.

5. The fifth part of the document is a letter from the author to the editor, dated 10/30/1954. The letter is addressed to the Editor of the Journal of the American Medical Association, Chicago, Illinois. The author is Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 10/30/1954.

6. The sixth part of the document is a letter from the editor to the author, dated 11/5/1954. The letter is addressed to Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 11/5/1954.

7. The seventh part of the document is a letter from the author to the editor, dated 11/10/1954. The letter is addressed to the Editor of the Journal of the American Medical Association, Chicago, Illinois. The author is Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 11/10/1954.

8. The eighth part of the document is a letter from the editor to the author, dated 11/15/1954. The letter is addressed to Dr. J. H. [Name], [Address], [City], [State]. The letter is dated 11/15/1954.

- b. Failed to provide a well capacity of 1.5 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 8, 2002; and
 - c. Failed to provide a pressure tank capacity of 50 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 8, 2002.
4. As owner and operator of Country Sunrise, Lake Livingston is alleged to have:
 - a. Failed to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on January 7, 2002;
 - b. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 7, 2002; and
 - c. Failed to provide a service pump capacity of 2.0 gallons per minute per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 7, 2002.
5. As owner and operator of Crystal Lakes, Lake Livingston is alleged to have:
 - a. Failed to collect routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on November 28, 2001;
 - b. Failed to meet the maximum contaminant levels ("MCL") for gross alpha particle activity of 15 pCi/L and combined radium 226 and radium 228 of 5 pCi/L, in violation of 30 TEX. ADMIN. CODE § 290.108(b)(1), as documented during an investigation conducted on November 28, 2001; and
 - c. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on November 28, 2001.
6. As owner and operator of Holiday Shores No. 1-2-3, Lake Livingston is alleged to have:
 - a. Failed to consistently conduct daily chlorine residual tests throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(B), as documented during an investigation conducted on December 20, 2001;

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- b. Failed to properly maintain a record of operations, in violation of 30 TEX. ADMIN. CODE § 290.46(f)(3)(A)(ii), as documented during an investigation conducted on December 20, 2001;
 - c. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S, as documented during an investigation conducted on December 20, 2001;
 - d. Failed to provide each of the ground storage tanks at wells 1 and 3 with a properly designed roof access opening, with a minimum diameter of 24 inches, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(2) and Order, Docket No. 31328-S, as documented during an investigation conducted on December 20, 2001;
 - e. Failed to equip the ground storage tank at well 1 with a water level indicator located at the tank site, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(4), as documented during an investigation conducted on December 20, 2001;
 - f. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 20, 2001;
 - g. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001; and
 - h. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001.
7. As owner and operator of Holiday Shores No. 4, Lake Livingston is alleged to have:
- a. Failed to plug an abandoned well, in violation of 30 TEX. ADMIN. CODE § 290.46(u), as documented during an investigation conducted on December 20, 2001;
 - b. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S, as documented during an investigation conducted on December 20, 2001; and
 - c. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 20, 2001.
8. As owner and operator of Impala Woods, Lake Livingston is alleged to have:

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- a. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 6, 2001;
 - b. Failed to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on December 6, 2001;
 - c. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on December 6, 2001;
 - d. Failed to equip the pressure tank with a site glass, in violation of 30 TEX. ADMIN. CODE § 290.43(d)(3), as documented during an investigation conducted on December 6, 2001;
 - e. Failed to provide two or more wells having a total capacity of 0.6 gpm, per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i), Order, Docket No. 31328-S, and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001; and
 - f. Failed to provide a total rated service pump capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001.
9. As owner and operator of Indian Hills #2, Lake Livingston is alleged to have:
- a. Failed to provide two or more wells having a total capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002;
 - b. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(ii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S, as documented during an investigation conducted on January 3, 2002;
 - c. Failed to provide a service pump capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S, as documented during an investigation conducted on January 3, 2002;
 - d. Failed to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system and that are noted specifically on the Facility's site sampling plan, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on January 3, 2002;

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- e. Failed to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on January 3, 2002; and
 - f. Failed to plug an abandoned well, in violation of 30 TEX. ADMIN. CODE § 290.46(u), as documented during an investigation conducted on January 3, 2002.
10. As owner and operator of Indian Springs Lake Estates, Lake Livingston is alleged to have:
- a. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m) and Order, Docket No. 31328-S, as documented during an investigation conducted on November 28, 2001;
 - b. Failed to provide a legible ownership sign that is located in plain view of the public, in violation of 30 TEX. ADMIN. CODE § 290.46(t), as documented during an investigation conducted on November 28, 2001;
 - c. Failed to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on November 28, 2001; and
 - d. Failed to maintain records of annual pressure tank inspections, in violation of 30 TEX. ADMIN. CODE § 290.46(f)(2), as documented during an investigation conducted on November 28, 2001.
11. As owner and operator of Lake Livingston Estates No. 2 & 3, Lake Livingston is alleged to have:
- a. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on December 19, 2001;
 - b. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 19, 2001; and
 - c. Failed to provide two or more service pumps having a total capacity of 2 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 19, 2001.
12. As owner and operator of Lake Livingston Estates 4 & 5, Lake Livingston is alleged to have:
- a. Failed to equip the ground storage tank at Plant #2 with a proper hinged flap valve, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(3) and Order, Docket No. 31328-S, as documented during an investigation conducted on November 29, 2001;

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- b. Failed to repair the cracked concrete sealing block on well number one, in violation of 30 TEX. ADMIN. CODE § 290.41(c)(3)(J), as documented during an investigation conducted on November 29, 2001;
 - c. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on November 29, 2001; and
 - d. Failed to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on November 29, 2001.
13. As owner and operator of Lake Run-A-Muck, Lake Livingston is alleged to have:
- a. Failed to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on January 8, 2002; and
 - b. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii), TEX. HEALTH & SAFETY CODE § 341.0315(c) and Agreed Order, Docket No. 31328-S, as documented during an investigation conducted on January 8, 2002.
14. As owner and operator of Lake Tejas, Lake Livingston is alleged to have:
- a. Failed to take the proper number of raw water samples in May 2001, in violation of 30 TEX. ADMIN. CODE § 290.46(b) and TEX. HEALTH & SAFETY CODE § 341.033(c), as documented during an investigation conducted on January 7, 2002; and
 - b. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 7, 2002.
15. As owner and operator of Northwoods, Lake Livingston is alleged to have:
- a. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001;
 - b. Failed to properly locate the inlet and outlet connections so as to prevent short circuiting or stagnation of water within the ground storage tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on December 20, 2001; and
 - c. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 20, 2001.

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16. As owner and operator of Nugents Cove Water System, Lake Livingston is alleged to have:

- a. Failed to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on January 3, 2002;
- b. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on January 3, 2002;
- c. Failed to ensure that the ground storage tank vent is designed to prevent possible entry of dust, birds, insects or any contaminants, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(1), as documented during an investigation conducted on January 3, 2002;
- d. Failed to properly locate the inlet and outlet connections on the ground storage tank so as to prevent short circuiting or stagnation of water within the tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on January 3, 2002;
- e. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002;
- f. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002;
- g. Failed to provide a pressure tank capacity of 20 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002; and
- h. Failed to maintain records of annual pressure tank inspections, in violation of 30 TEX. ADMIN. CODE § 290.46(f)(2), as documented during an investigation conducted on January 3, 2002.

17. As owner and operator of Oakridge Water System, Lake Livingston is alleged to have:

- a. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 6, 2001;
- b. Failed to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on December 6, 2001;

Work group processes and performance: A review of research

Robert M. Stebbins, University of California, San Diego
and
John W. Bowers, University of California, San Diego

The review examines the relationship between work group processes and performance. It discusses the theoretical framework, the empirical evidence, and the implications for practice.

The review is organized into several sections: Introduction, Theoretical Framework, Empirical Evidence, and Implications for Practice.

The theoretical framework is based on the social exchange theory of work groups. It suggests that work groups are formed and maintained through a process of mutual exchange of resources and support.

The empirical evidence shows that work group processes are related to performance. Specifically, the quality of work group processes is positively related to group performance.

The implications for practice are that managers should focus on improving the quality of work group processes to enhance group performance.

Work group processes are defined as the patterns of interaction and communication among group members. These processes include decision-making, conflict resolution, and coordination.

The review also discusses the role of group structure and composition in work group processes. It suggests that group structure and composition can influence the quality of work group processes.

The review concludes that work group processes are a critical determinant of group performance. Managers should pay attention to these processes to improve their group's performance.

The review is based on a comprehensive search of the literature on work group processes and performance. It includes a review of both theoretical and empirical research.

The review is intended for researchers and practitioners in the field of organizational behavior. It provides a comprehensive overview of the current state of research on work group processes and performance.

- c. Failed to provide a proper purchase water contract, in violation of 30 TEX. ADMIN. CODE § 290.45(f), as documented during an investigation conducted on December 6, 2001;
 - d. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on December 6, 2001;
 - e. Failed to lock the roof hatch on the 0.036 MG Oakridge ground storage tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(2), as documented during an investigation conducted on December 6, 2001;
 - f. Failed to properly locate the inlet and outlet connections on the 0.012 MG Oakridge ground storage tank so as to prevent short circuiting or stagnation of water within the ground storage tank, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on December 6, 2001;
 - g. Failed to maintain the drain of the ground storage tank so that it is not subject to submergence, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(7), as documented during an investigation conducted on December 6, 2001;
 - h. Failed to equip the pressure tank at the Timber Bay Subdivision with a site glass, in violation of 30 TEX. ADMIN. CODE § 290.43(d)(3), as documented during an investigation conducted on December 6, 2001;
 - i. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001;
 - j. Failed to provide two or more service pumps that have a total capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001; and
 - k. Failed to provide a pressure tank capacity of 20 gallons per connection at the Oakridge plant, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001.
18. As owner and operator of Paradise Acres, Lake Livingston is alleged to have:
- a. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 6, 2001;

- b. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on December 6, 2001;
 - c. Failed to provide the 0.068 MG ground storage tank at Paradise Acres with a properly designed overflow pipe which is equipped with a hinged flap valve, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(3), as documented during an investigation conducted on December 6, 2001; and
 - d. Failed to provide a service pump capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 6, 2001.
19. As owner and operator of Pine Shadows Water System, Lake Livingston is alleged to have:
- a. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on January 3, 2002;
 - b. Failed to properly locate the inlet and outlet connections on ground storage tank so as to prevent short circuiting or stagnation of water, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(5), as documented during an investigation conducted on January 3, 2002;
 - c. Failed to provide two or more service pumps that have a total capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002;
 - d. Failed to provide a pressure tank capacity of 20 gallons per connection at the Indian Hill Estates booster station, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(D)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on January 3, 2002; and
 - e. Failed to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity, in violation of 30 TEX. ADMIN. CODE § 291.93(3), as documented during an investigation conducted on January 3, 2002.
20. As owner and operator of Point Lookout Estates, Lake Livingston is alleged to have:
- a. Failed to provide a class C certified operator, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(1)(A) [now § 290.46(e)(4)(B)] and TEX. HEALTH & SAFETY CODE § 341.033(a), as documented during an investigation conducted on December 4, 2001;

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- b. Failed to collect all routine bacteriological samples at active service connections which are representative of water throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.109(c)(1)(A), as documented during an investigation conducted on December 4, 2001;
 - c. Failed to consistently conduct chlorine residual tests once every seven days throughout the distribution system, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on December 4, 2001;
 - d. Failed to provide the ground storage tank with a properly designed overflow pipe which is equipped with a hinged flap valve, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(3), as documented during an investigation conducted on December 4, 2001;
 - e. Failed to properly complete the tank inspections for the 0.024 MG ground storage tank and the 0.001 MG and 0.003 MG pressure tanks, in violation of 30 TEX. ADMIN. CODE § 290.46(m)(1)(B), as documented during an investigation conducted on December 4, 2001;
 - f. Failed to provide a well capacity of 0.6 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 4, 2001; and
 - g. Failed to submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area when the system has reached 85% of its capacity, in violation of 30 TEX. ADMIN. CODE § 291.93(3), as documented during an investigation conducted on December 4, 2001.
21. As owner and operator of Riverview Terrace Water System, Lake Livingston is alleged to have:
- a. Failed to initiate a maintenance program to ensure the reliability and general appearance of all regulated facilities, in violation of 30 TEX. ADMIN. CODE § 290.46(m), as documented during an investigation conducted on December 20, 2001; and
 - b. Failed to provide a well capacity of 1.5 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001.
22. As owner and operator of Weavers Cove Water System, Lake Livingston is alleged to have:
- a. Failed to provide a total storage capacity of 200 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 19, 2001;
 - b. Failed to provide two or more service pumps that have a total capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH

& SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 19, 2001; and

- c. Failed to provide a pressure tank capacity of 50 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iv) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 19, 2001.

23. As owner and operator of Wiggins Village #2, Lake Livingston is alleged to have:

- a. Failed to adhere to the Facility's site sampling plan by not rotating sample sites for daily chlorine residual tests, in violation of 30 TEX. ADMIN. CODE § 290.110(c)(5)(A), as documented during an investigation conducted on November 29, 2001;
- b. Failed to provide an 18" well casing on wells 1 and 3, in violation of 30 TEX. ADMIN. CODE § 290.41(c)(3)(B), as documented during an investigation conducted on November 29, 2001; and
- c. Failed to provide a proper concrete sealing block for well 1, in violation of 30 TEX. ADMIN. CODE § 290.41(c)(3)(J) and Order, Docket No. 31328-S, as documented during an investigation conducted on November 29, 2001.

24. As owner and operator of Wild Bird Country Water System, Lake Livingston is alleged to have:

- a. Failed to provide a well capacity of 1.5 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(i) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001;
- b. Failed to provide a pressure tank capacity of 50 gallons per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(A)(ii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on December 20, 2001; and
- c. Failed to provide intruder-resistant fences to exclude possible contamination or damage to the facilities by trespassers, in violation of 30 TEX. ADMIN. CODE § 290.41(c)(3)(O), as documented during an investigation conducted on December 20, 2001.

25. As owner and operator of Wilson Lake Estates Water Supply, Lake Livingston is alleged to have:

- a. Failed to maintain records of annual pressure tank inspections, in violation of 30 TEX. ADMIN. CODE § 290.46(f)(2), as documented during an investigation conducted on November 28, 2001; and
- b. Failed to provide a service pump capacity of 2.0 gpm per connection, in violation of 30 TEX. ADMIN. CODE § 290.45(b)(1)(C)(iii) and TEX. HEALTH & SAFETY CODE § 341.0315(c), as documented during an investigation conducted on November 28, 2001.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in the context of public administration and financial management.

2. The second part of the document outlines the various methods and tools used for data collection and analysis. It highlights the need for standardized procedures to ensure the reliability and validity of the information gathered, and discusses the challenges associated with data integration and interpretation.

3. The third part of the document focuses on the role of technology in modern data management. It explores how digital tools and platforms have revolutionized the way data is stored, accessed, and analyzed, while also addressing the associated risks of data security and privacy.

4. The fourth part of the document discusses the importance of data governance and the establishment of clear policies and procedures. It emphasizes that effective data governance is crucial for ensuring that data is used ethically and in compliance with relevant laws and regulations.

5. The fifth part of the document addresses the need for continuous monitoring and evaluation of data management practices. It suggests that regular audits and assessments are necessary to identify areas for improvement and to ensure that the organization remains up-to-date with the latest best practices in the field.

6. The sixth part of the document discusses the importance of data literacy and training for all employees. It argues that a data-driven culture can only be achieved if all staff members are equipped with the necessary skills and knowledge to effectively work with data.

7. The seventh part of the document focuses on the role of data in decision-making and strategic planning. It highlights how data-driven insights can help organizations identify trends, anticipate challenges, and make more informed choices that drive long-term success.

8. The eighth part of the document discusses the importance of data security and the implementation of robust cybersecurity measures. It emphasizes that protecting sensitive information from unauthorized access and breaches is a top priority for any organization that relies on data.

9. The ninth part of the document addresses the ethical implications of data collection and analysis. It discusses the need for transparency, informed consent, and the protection of individual privacy, and provides guidance on how to navigate these complex issues.

10. The tenth part of the document concludes by summarizing the key findings and recommendations. It reiterates the importance of a holistic approach to data management, one that integrates technical, organizational, and ethical considerations to maximize the value of data while minimizing risks.

11. The eleventh part of the document provides a detailed overview of the current state of data management practices across various industries. It compares different approaches and identifies common trends, while also highlighting the unique challenges faced by different sectors.

12. The twelfth part of the document discusses the future of data management and the emerging technologies that will shape the landscape. It explores the potential of artificial intelligence, machine learning, and blockchain, and discusses the implications of these innovations for data collection, storage, and analysis.

III. DENIALS

Lake Livingston generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that Lake Livingston pay an administrative penalty as set forth in Section I, Paragraph 6 above. The imposition of this administrative penalty and Lake Livingston's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Lake Livingston Water Supply and Sewer Service Corporation, Docket No. 2003-0639-PWS-E" to:

Financial Administration Division, Revenues Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

2. It is further ordered that Lake Livingston shall undertake the following technical requirements:

- a. Within 30 days after the effective date of this Agreed Order:

- i. Conduct a feasibility investigation at Crystal Lakes which will evaluate alternate water sources and viable treatment technologies to correct the gross alpha and combined radium violations. The investigation is to be repeated at three year intervals as long as the violation exists. Within one year after the determination by either the Commission or Lake Livingston of a viable treatment option or the availability of an alternate source of supply, Lake Livingston agrees to provide water to its customers which meets the Commission's chemical quality standards. Lake Livingston shall submit a written report of the feasibility investigation to:

Drinking Water Quality Team, Public Drinking Water Section
Water Permits & Resource Management Division, MC 155
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

- ii. Provide wells 1 and 3 at Wiggins Village #2 with a casing that extends a minimum of 18 inches above the elevation of the finished floor of the pump room or natural ground surface, in accordance with 30 TEX. ADMIN. CODE § 290.41(c)(3)(B); and
- iii. Install a concrete sealing block compliant with 30 TEX. ADMIN. CODE § 290.41(c)(3)(J) around well 1 at Wiggins Village #2.

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- b. Within 45 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions 2.a.i. through 2.a.iii.;
- c. Within 60 days after the effective date of this Agreed Order:
 - i. Provide the minimum capacity requirements at Bass Bay/Indian Hills #1, Big Thicket Retreat, Country Sunrise, Crystal Lakes, Impala Woods, Lake Tejas, Northwoods, Nugents Cove Water System, Point Lookout Estates, Riverview Terrace Water System, Weavers Cove Water System, Wild Bird Country Water System, and Wilson Lake Estates Water Supply, as required by 30 TEX. ADMIN. CODE § 290.45;
 - ii. For Beech Creek Village, submit a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certified area, as required by 30 TEX. ADMIN. CODE § 291.93(3); and
 - iii. Plug and seal the abandoned wells at Holiday Shores No. 4, as required by 30 TEX. ADMIN. CODE § 290.46(u).
- d. Within 75 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions 2.c.i. through 2.c.iii.;
- e. Within 180 days after the effective date of this Agreed Order, provide a proper purchase water contract for Oakridge Water System, as required by 30 TEX. ADMIN. CODE § 290.45(f);
- f. Within 360 days after the effective date of this Agreed Order, provide the minimum capacity requirements at Beech Creek Village, Indian Hills #2, Lake Livingston Estates No. 2 & 3, and Pine Shadows Water System as required by 30 TEX. ADMIN. CODE § 290.45;
- g. Within 375 days after the effective date of this Agreed Order, submit certification of compliance with Ordering Provisions 2.f.; and
- h. Submit all correspondence, reports, and documentation required by these Ordering Provisions to:

Work Leader
Team 5, Section III
Enforcement Division, MC 149
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Ms. Heather Ross, Water Section Manager
Beaumont Regional Office
Texas Commission on Environmental Quality
3870 Eastex Freeway
Beaumont, Texas 77703-1892

3. The provisions of this Agreed Order shall apply to and be binding upon Lake Livingston. Lake Livingston is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Facilities operations referenced in this Agreed Order.
4. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by Lake Livingston shall be made in writing to the Executive Director. Extensions are not effective until Lake Livingston receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
5. This Agreed Order, issued by the Commission, shall not be admissible against Lake Livingston in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
6. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
7. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to Lake Livingston, or three days after the date on which the Commission mails notice of the Order to Lake Livingston, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

1. The first part of the document is a letter from the author to the editor.

2. The second part is a letter from the editor to the author.

3. The third part is a letter from the author to the editor.

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12. The twelfth part is a letter from the editor to the author.

13. The thirteenth part is a letter from the author to the editor.

14. The fourteenth part is a letter from the editor to the author.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity, if any, indicated below my signature, and I do agree to the terms and conditions specified therein.

I also understand that my failure to comply with the Ordering Provisions, if any, in this order and/or my failure to timely pay the penalty amount, may result in:

- A negative impact on my compliance history;
- Greater scrutiny of any permit applications submitted by me;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions against me;
- Automatic referral to the Attorney General's Office of any future enforcement actions against me; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.



Signature

2/15/05

Date

Doyle LaGow

Name (Printed or typed)
Authorized Representative of
Lake Livingston Water Supply and Sewer Service Corporation

President of Board of Directors

Title



For the Executive Director

4/17/06

Date

