STATE OF COLORADO

Bill Ritter, Jr., Governor
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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Denver, Colorado 80246-1530
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Located in Glendale, Colorado

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Laboratory Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

Colorado Department
of Public Health
and Environment

October 15, 2008

Certified Mail Number: 7007 0220 0001 0156 8601

PWSID Number: CO-0102100
Mr. Don Koskelin, Assistant City Manager/Public Works Director
City of Alamosa
PO Box 419 (425 4th Street)
Alamosa, Colorado 81101

RE: Drinking Water Enforcement Order on Consent, Number: DE-081015-1

Dear Mr. Koskelin:

Enclosed you will find one copy of the final signed version of the Enforcement Order on Consent for the City's records. The Division has retained the other copy for our records.

If you have any questions, please don't hesitate to contact Scott Klarich at (303) 692-3564 or by electronic mail at scott.klarich@state.co.us.

We appreciate your cooperation in bringing this matter to resolution.

Sincerely,

Kristi-Raye Beaudin

Kristi-Raye Beaudin, Legal Assistant
Compliance Assurance and Data Management Section
WATER QUALITY CONTROL DIVISION

Enclosures

cc: Consumer Protection Division, CDPHE

Compliance Monitor / Drinking Water File

ec: Ron Falco, Drinking Water Program Manager, CDPHE
Tim Vrudny, Engineering Section, CDPHE
Dick Parachini, Watershed Program, CDPHE
Betsy Beaver, Facility Operators Program, CDPHE
Shawn McCaffrey, EPA Region VIII
Patricia Klocker, Assistant Division Director, Consumer Protection Division, CDPHE
Carolyn Schachterle, OPA

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

WATER QUALITY CONTROL DIVISION

ENFORCEMENT ORDER ON CONSENT **NUMBER: DE-081015-1**

IN THE MATTER OF: CITY OF ALAMOSA
PUBLIC WATER SYSTEM IDENTIFICATION NUMBERS: CO-0102100
ALAMOSA COUNTY, COLORADO

The Colorado Department of Public Health and Environment ("Department"), through the Water Quality Control Division ("Division"), issues this Enforcement Order on Consent ("Consent Order"), pursuant to the Department's authority under §25-1.5-203, C.R.S. with the express consent of the City of Alamosa ("Alamosa"). The Division and Alamosa may be referred to collectively as "the Parties."

STATEMENT OF PURPOSE

1. The mutual objective of the Parties in entering into this Consent Order is to clarify outstanding requirements and ongoing expectations as they relate to the March 2008 Salmonella outbreak and Alamosa's operation of its Public Water System.

DIVISION'S FINDINGS OF FACT AND CONCLUSIONS OF LAW

2. Based upon the Division's investigation into and review of the facts associated with the March 2008 Salmonella outbreak the Division has made the following findings and determinations.

3. Alamosa owns and/or operates a drinking water system, located in the vicinity of 425 4th Street in the City of Alamosa, Alamosa County, Colorado. This public water system shall be referenced within this document as the "Alamosa System."

4. Alamosa is a person as defined by 5 CCR 1003-1, §1.5.2(92).

5. Alamosa is a supplier of water within the meaning of §25-1.5-201(2), C.R.S. and its implementing regulation, 5 CCR 1003-1, §1.5.2(122).

6. The Alamosa System is a public water system as defined by §25-1.5-201(1), C.R.S. and its implementing regulation, 5 CCR 1003-1, §1.5.2(101).

7. The Public Water System Identification Number ("PWSID"), assigned to the Alamosa System by the Division is PWSID # CO-0102100.

8. Pursuant to 5 CCR 1003-1, §1.2, the Alamosa System is subject to the *Colorado Primary Drinking Water Regulations* (the "Regulations"), which were adopted pursuant to §25-1.5-203, C.R.S.

9. Alamosa provides piped water for human consumption from the Alamosa System to at least fifteen (15) service connections used by year-round residents of the area served by the Alamosa System and/or regularly serves at least twenty-five (25) year-round residents. The Alamosa System is therefore classified as a "community water system" as defined by 5 CCR 1003-1, §1.5.2(13).

10. The Alamosa System's source of water is groundwater as defined by 5 CCR 1003-1, §1.5.2(60).

11. Pursuant to 5 CCR 1003-1, §1.6.7(c), the Department may issue an enforcement order due to the incidence of disease, the source of which is reasonably identified by the Department as originating from consumption of drinking water from a specified public water system.

12. On March 12, 2008 and March 13, 2008, the San Luis Valley Regional Medical Center laboratory confirmed several cases of salmonella infection in Alamosa residents.

13. In response to the confirmed cases, the Department initiated a formal disease outbreak investigation on March 14, 2008.

14. On March 20, 2008, the Department confirmed the presence of *salmonella typhimurium* bacteria within the Alamosa System's storage and distribution components.

15. Through various surveillance and epidemiological case ascertainment techniques, the Department has determined that 442 cases of probable salmonella infections have been associated with the disease outbreak; of these, 122 cases were confirmed as salmonella infections.

16. The Department has determined, upon extensive investigation, that the outbreak of salmonella illness and disease originated from the consumption of water from within the distribution system associated with the Alamosa System.

COMPLIANCE ORDER

Based on the foregoing factual and legal determinations, pursuant to its authority under 5 CCR 1003-1, §1.6.7(c), the Division orders, and Alamosa agrees to the following:

17. This Consent Order constitutes an Enforcement Order issued pursuant to 5 CCR 1003-1, §1.6.7. Violations of this Consent Order may be subject to civil or criminal actions pursuant to the provisions of §§25-1-114 and 25-1-114.1, C.R.S.

18. Alamosa will not challenge in any administrative or judicial proceeding:

a. The issuance of this Consent Order;

b. The factual and legal determinations made by the Division herein; and

c. The Division's authority to bring, or the court's jurisdiction to hear, any action to enforce the terms of this Consent Order.

19. Alamosa shall fulfill all compliance requirements set forth below in a timely manner.

COMPLIANCE REQUIREMENTS

20. The Division hereby formally revokes Alamosa's disinfection waivers, and consistent with 5 CCR 1003-1, Article 7, Alamosa agrees to maintain continuous, Department-approved disinfection treatment that is effective in the killing or removal of pathogenic organisms from all water supplied from the Alamosa System. Specifically, Alamosa shall ensure that the residual disinfectant concentration (measured as free chlorine) in the finished water entering the distribution system will remain between 1 and 2 mg/L and the residual disinfectant concentration (measured as free chlorine) in the distribution system shall not be undetectable. The Division will consider alternative entry point and distribution system residual disinfectant concentrations upon a written request and justification from Alamosa representing that such proposed levels are appropriate.

21. On or before October 31, 2008, Alamosa agrees to provide documentation to the Division describing any sanitary repairs completed on the Ross and Craft towers since March 2008, including a description of the debris removed from the towers and an estimate of the quantity of that debris.

22. On or before October 31, 2008, Alamosa agrees to provide plans and a time schedule to the Division for any further tank repairs to both the Craft and Ross water storage towers. If a time schedule is submitted, it shall become a condition of this Consent Order unless notified by the Division, in writing, that an alternate time schedule or activities are appropriate. If the Division imposes an alternate time schedule or activities, they shall also become a condition of this Consent Order.

23. Alamosa agrees to fully cooperate with the Division in completing the Department's investigation into the cause of the disease outbreak, including how the drinking water system may have become contaminated with salmonella bacteria. A draft scope of the investigation is included in Attachment 1. Further, in support of the Division's efforts, Alamosa agrees to the following:

a. Upon a written request from the Division, Alamosa agrees to provide investigation related documents within five (5) business days of such a request.
b. Alamosa agrees to make city personnel and contactors available for interviews at reasonable times agreed to by Alamosa and the Division.
c. Alamosa agrees to attend meetings regarding the investigation that may be held in either Alamosa or the Pueblo area at reasonable times and with at least five (5) business days advance notice.

d. Alamosa agrees to conduct reasonable activities that will support the investigation within time frames agreed upon by Alamosa and the Division. Such activities may include additional sampling, video inspection of the wells in operation at the time of the outbreak, and other items that may be associated with evaluating distribution system hazards or cross connections.

24. On or before December 31, 2008, Alamosa agrees to develop and submit to the Division a Storage Tank Inspection and Maintenance Plan. At a minimum, the Storage Tank Inspection and Maintenance Plan shall include the following:

a. A time schedule for routine and comprehensive inspections of all storage tanks in the Alamosa System.
b. A list of elements and tasks to be included in each type of inspection.
c. Response time frames for appropriate actions required based on the results of inspections.
d. Qualifications of individuals or companies who will conduct the respective types of inspections.

The submitted Storage Tank Inspection and Maintenance Plan shall become a condition of this Consent Order unless notified by the Division, in writing, that alternate activities, elements or time schedules are appropriate. If the Division imposes alternate activities, elements or time schedules, they shall also become a condition of this Consent Order.

25. On or before December 31, 2008, Alamosa agrees to review and evaluate its Cross-Connection Control Program to ensure compliance with the provisions of 5 CCR 1003-1, Article 12. The review and evaluation should include the evaluation of previously identified hazards *(See Attachment 2)*, the completion of a systematic survey for any additional hazards in its distribution system(s), the periodic inspection of installed containment devices and procedures for appropriate follow-up and resolution of discovered issues. On or before January 1, 2009, Alamosa shall provide a written report summarizing the review and evaluation and detailing how compliance with 5 CCR 1003-1, Article 12 has been achieved or, alternatively present a time schedule to implement required actions or improvements to achieve compliance. If a time schedule is submitted, it shall become a condition of this Consent Order unless notified by the Division, in writing, that an alternate time schedule or program improvements are appropriate. If the Division imposes an alternate time schedule or program improvements, they shall also become a condition of this Consent Order.

26. On or before December 31, 2008, Alamosa agrees to develop and provide the Division with a written Distribution System Inspection and Maintenance Plan. The Distribution System Inspection and Maintenance Plan shall include, at a minimum, the following:

a. A comprehensive review of the distribution system, including materials, pipe age, and determination/identification of areas vulnerable to line breaks.
b. A description of routine and periodic maintenance.
c. A response plan for line breaks and/or line maintenance and/or replacement.
d. A specific time schedule for routine and comprehensive flushing of the distribution system in the Alamosa System.
e. A list of elements and tasks to be included during each flushing event.

The submitted Distribution System Inspection and Maintenance Plan shall become a condition of this Consent Order unless notified by the Division, in writing, that alternate activities, elements or time schedules are appropriate. If the Division imposes alternate activities, elements or time schedules, they shall also become a condition of this Consent Order.

Ongoing Monitoring Requirements

27. Within thirty (30) calendar days after the effective date of this Consent Order and in accordance with 5 CCR 1003-1, §1.12.3, Alamosa agrees to review and revise its monitoring plan, including its microbiological contaminant sampling-siting plan, to reflect the Alamosa System's current configuration, treatment and operation. The plan shall specifically outline how Alamosa will ensure that samples collected are representative of water quality throughout the distribution system(s), that samples should be taken both with temporal and spatial separation to ensure representative samples are obtained of water quality throughout the distribution system and throughout the month of service and that samples are not to be taken all on the same day. Within forty-five (45) calendar days after the effect date of this Consent Order, Alamosa shall provide the Division with a copy of its revised and updated written monitoring plan.

Division guidance on monitoring plans can be viewed at the following Internet location:

http://www.cdphe.state.co.us/wq/drinkingwater/pdf/MonitoringPlanTemplate_April_2003.pdf

28. Pursuant to the Initial Distribution System Evaluation requirements of 5 CCR 1003-1, §7.7, Alamosa agrees to submit either a standard monitoring plan, a system specific study plan, or a 40/30 certification by no later than January 1, 2009.

Templates for the Initial Distribution System Evaluation options are available at the following Internet location:

http://www.cdphe.state.co.us/wq/drinkingwater/PublicWaterSystemReportingForms.html

29. Alamosa specifically agrees to begin monitoring as outlined below:

(Note: This System Monitoring is in addition to or consistent with the System Monitoring Schedule provided to Alamosa by the Division on September 23, 2008, see Attachment 3).

a. Upon the effective date of this Consent Order and in accordance with 5 CCR 1003-1, §5.1.1, Alamosa shall resume routine total coliform monitoring by collecting no fewer than ten (10) total coliform samples per month, at sites which are representative of water throughout the distribution system according to its written microbiological contaminant sampling-siting plan. The total coliform samples must be collected properly and analyzed by a Department certified laboratory in accordance with approved methods. Alamosa shall provide the Department with the results of the total coliform analyses within ten (10) calendar days of receipt of the results from the laboratory.

b. Upon the effective date of this Consent Order and consistent with 5 CCR 1003-1, Article 7, Alamosa shall conduct residual chlorine monitoring each day at the entry point to the distribution system and in the distribution system(s) during each total coliform sampling event. Alamosa shall maintain a log of both the entry point and distribution system residual chlorine monitoring results and Alamosa shall make such records available to the Division upon request or inspection. Alamosa shall continue to report residual disinfection levels pursuant to 5 CCR 1003-1, §7.6.5.

c. Beginning in the 4th calendar quarter of 2008, Alamosa shall collect and properly analyze ten (10) heterotrophic plate count (HPC) samples each calendar quarter. Samples should be collected and paired with total coliform samples taken during each overlapping monitoring period. The heterotrophic plate count samples must be collected properly and analyzed by a Department recognized laboratory in accordance with approved methods. Alamosa shall provide the Division with the results of the heterotrophic plate count analyses within ten (10) calendar days of receipt of the results from the laboratory. Within thirty (30) calendar days following the completion and submittal of the fourth (4th) consecutive quarter of HPC monitoring, Alamosa shall submit a report to the Division summarizing and evaluating the collected HPC/Total Coliform results. In addition, the report should include a recommendation from Alamosa regarding the benefits of HPC monitoring and whether such monitoring should continue.

d. Upon the effective date of this Consent Order and in the same manner as specified in 5 CCR 1003-1, Article 6, Alamosa shall collect no fewer than three (3) arsenic samples from within the distribution system at areas previously designated during the salmonella outbreak investigation as Zone 1, Zone 2, and Zone 3. The arsenic samples must be properly collected and analyzed by a Department certified laboratory in accordance with approved methods and cited detection limits. Alamosa shall provide the Department with the results of the arsenic analyses within ten (10) calendar days of receipt of the results from the laboratory.

30. All documents submitted under this Consent Order shall use the same titles as stated in this Consent Order, and shall reference both the number of this Consent Order and the number of the paragraph pursuant to which the document is required.

SCOPE AND EFFECT OF CONSENT ORDER

31. This Consent Order constitutes a final agency order or action upon execution by Alamosa and the Division, and shall be enforceable by either party. The Parties agree that any violation of the provisions of this Consent Order by Alamosa shall be a violation of a final order or action of the Division for the purposes of 5 CCR 1003-1, §1.6.7, and may result in the assessment of civil/administrative penalties of up to $1,000 per day of such violation pursuant to §25-1-114.1, C.R.S.

32. The Parties' obligations under this Consent Order are limited to the matters expressly stated herein or in approved submissions required hereunder.

33. Any approval by the Division of a plan submitted under this Consent Order is effective upon receipt by Alamosa. All approved plans, including all procedures and schedules contained in the plans, are hereby incorporated into this Consent Order, and shall constitute enforceable requirements under the Regulations.

34. The Division's approval of any submission, standard, or action under this Consent Order shall not constitute a defense to, or an excuse for, any prior violation of any requirement under the Regulations or any subsequent violation of any requirement of this Consent Order or the Regulations.

35. Alamosa shall comply with all applicable Federal, State, and/or local laws and regulations in fulfillment of its obligations hereunder and shall obtain all necessary approvals or permits to conduct the activities required by this Consent Order. The Division makes no representation with respect to approvals and permits required by Federal, State, or local laws or regulations other than those specifically referred to herein.

36. Nothing herein shall be construed as prohibiting, altering, or in any way limiting the ability of the Division to seek any further remedies or sanctions available by virtue of the Alamosa's violation of this agreement or, except with respect to those matters identified herein, of the statutes and regulations upon which this agreement is based or any other applicable provision of law.

LIMITATIONS, RELEASES AND RESERVATION OF RIGHTS AND LIABILITY

37. Upon the effective date of this Consent Order, and during its term, this Consent Order shall stand in lieu of any other enforcement action by the Division with respect to the matters identified herein.

38. The Division reserves the right to bring any action or to seek civil or administrative penalties for any past, present, or future violations of the Act and its implementing regulations, not specifically addressed herein. Further, the Division has the right to bring any action to enforce this Consent Order and to seek authorized penalties for any violation of this Consent Order.

39. Nothing in the preceding paragraphs shall preclude the Division from imposing additional requirements necessary to protect human health or the environment pursuant to the terms of this Consent Order. Nor shall anything in this Consent Order preclude the Division from imposing additional requirements in the event that new information is discovered that indicates such requirements are necessary to protect human health or the environment.

40. Alamosa reserves all rights and defenses in any future administrative or judicial proceedings regarding the Alamosa System other than proceedings to enforce this Consent Order.

41. Upon the effective date of this Consent Order, Alamosa releases and covenants not to sue the State of Colorado as to all common law or statutory claims or counterclaims arising from, or relating to, the matter specifically addressed herein.

42. Alamosa shall not seek to hold the Division liable for any injuries or damages to persons or property resulting from acts or omissions of Alamosa, or those acting for or on behalf of Alamosa, including its officers, employees, agents, successors, representatives, contractors, consultants or attorneys in carrying out activities pursuant to this Consent Order. Alamosa shall not hold out the Division as a party to any contract entered into by Alamosa in carrying out activities pursuant to this Consent Order. Nothing in this Consent Order shall constitute an express or implied waiver of immunity otherwise applicable to the Division, its employees, agents or representatives.

SITE ACCESS AND SAMPLING

43. The Division shall be permitted to oversee any and all work being performed under this Consent Order. The Division shall be permitted access to the Alamosa System property at any time work is being conducted pursuant to this Consent Order, and during reasonable business hours during any period work is not being conducted, for the purposes of determining Alamosa's compliance with the Regulations and this Consent Order. The Division shall be permitted to inspect work sites, operating and field logs, contracts, purchase records, and other relevant records and documents relating to this Consent Order or any requirement under this Consent Order and to interview Alamosa personnel and contractors performing work required by this Consent Order. Nothing in this paragraph limits or impairs the Division's statutory authorities to enter and inspect the Alamosa System.

44. The Division may conduct any tests necessary to ensure compliance with this Consent Order and to verify any data submitted by Alamosa.

FORCE MAJEURE

45. Alamosa shall perform the requirements of this Consent Order within the schedules and time limits set forth herein and in any approved plan unless the performance is prevented or delayed by events that constitute a force majeure. A force majeure is defined as any event arising from causes which are not reasonably foreseeable, or which are beyond the control of Alamosa, and which cannot be overcome by due diligence.

46. Within seventy-two (72) hours of the time that Alamosa knows or has reason to know of the occurrence of any event which Alamosa has reason to believe may prevent it from timely compliance with any requirement under this Consent Order, Alamosa shall provide verbal notification to the Division. With respect to information coming to the knowledge of a contractor or sub-contractor of Alamosa, so long as Alamosa included in its contract or subcontract language requiring immediate notification to the City Manager or the Public Works Director of any events that may cause a delay, Alamosa shall not be imputed with the knowledge of its contractor or subcontractor, but rather, Alamosa's deadline shall begin running when the City Manager or the Public Works Director has actual knowledge of such occurrence. Within seven (7) calendar days of the time that Alamosa knows or has reason to know of the occurrence of such event, Alamosa shall submit to the Division a written description of the event causing the delay, the reasons for and the expected duration of the delay, and actions which will be taken to mitigate the duration of the delay.

47. The burden of proving that any delay was caused by a force majeure shall at all times rest with Alamosa. If the Division agrees that a force majeure has occurred, the Division will so notify Alamosa. The Division will also approve or disapprove of their proposed actions for mitigating the delay. If the Division does not agree that a force majeure has occurred, or if the Division disapproves of Alamosa's proposed actions for mitigating the delay, it shall provide a written explanation of its determination to Alamosa. Pursuant to the Dispute Resolution section, within fifteen (15) calendar days of receipt of the explanation, Alamosa may file an objection.

48. Delay in the achievement of one requirement shall not necessarily justify or excuse delay in the achievement of subsequent requirements. In the event any performance under this Consent Order is found to have been delayed by a force majeure, Alamosa shall perform the requirements of this Consent Order that were delayed by the force majeure with all due diligence.

DISPUTE RESOLUTION

49. If the Division determines that a violation of this Consent Order has occurred; that a force majeure has not occurred; that the actions taken by Alamosa to mitigate the delay caused by a force majeure are inadequate, or that Alamosa's Notice of Completion should be rejected, the Division shall provide a written explanation of its determination to Alamosa. Within fifteen (15) calendar days of receipt of the Division's determination, Alamosa shall: 1) submit a notice of acceptance of the determination; or 2) submit a notice of dispute of the determination. If Alamosa fails to submit either of the above notices within the specified time, they will be deemed to have accepted the Division's determination.

50. If the Division disapproves or approves with modifications any original or revised document, time schedule or plan submitted by Alamosa pursuant to this Consent Order, the Division shall provide a written explanation of the disapproval or approval with modifications. Within fifteen (15) calendar days of receipt of the Division's approval with modifications or disapproval of the submission, Alamosa shall either:

    a. In the case of an approval with modifications only, submit a notice of acceptance of the document/plan as modified and begin to implement the modified document/plan (as appropriate);

    b. In the case of a disapproval only, submit a revised document/plan for Division review and approval. (Alamosa may not select this option if the Division has included in its disapproval an alternate document/plan that shall be implemented by Alamosa); or

    c. Submit a notice of dispute of the disapproval or approval with modifications.

    If Alamosa fails to do any of the above within the specified time, Alamosa shall be deemed to have failed to comply with the Consent Order, and the Division may bring an enforcement action, including an assessment of penalties.

51. If Alamosa submits a revised document/plan, the document/plan shall respond adequately to each of the issues raised in the Division's written explanation of the disapproval or approval with modifications. The Division shall notify Alamosa in writing of its approval, approval with modifications, or disapproval of the revised document/plan. If the Division disapproves the revised document/plan, it may include in its disapproval a document/plan for implementation by Alamosa. Such disapproval and document/plan shall be deemed effective and subject to appeal in accordance with the Act and the Colorado Administrative Procedures Act (the "APA"), unless Alamosa submits a notice of dispute, pursuant to paragraph 49 above, of the Division's disapproval and document/plan for implementation. All requirements and schedules of the Division's document/plan shall not become effective pending resolution of the dispute.

52. If Alamosa files any notice of dispute as referenced in paragraphs 49, 50, or 51, the notice shall specify the particular matters in the Division's determination that Alamosa seeks to dispute, and the basis for the dispute. Matters not identified in the notice of dispute shall be deemed accepted by Alamosa. The Division and Alamosa shall have thirty (30) calendar days from the receipt by the Division of the notification of dispute to reach an agreement. If agreement cannot be reached on all issues within this thirty (30) day period, the Division shall confirm or modify its decision within an additional fourteen (14) calendar days, and the confirmed or modified decision shall be deemed effective and subject to appeal in accordance with the Act and APA.

NOTICES AND SUBMITTALS

53. Unless otherwise specified, any report, notice or other communication required under the Consent Order shall be sent to:

For the Division:

Colorado Department of Public Health and Environment
Water Quality Control Division / WQCD-WQP-B2
Compliance Assurance and Data Management Section / Enforcement Team
Attention: Catherine Heald
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530
Email: catherine.heald@state.co.us
Telephone: 303.692.3254

Pursuant to 5 CCR 1003-1, §1.6.4(e), all reports, notices, summaries, and certifications required to be submitted to the Department by the public water system must bear the original signature of the owner or the owner's authorized representative.

For the City of Alamosa:

Don Koskelin, Assistant City Manager/Public Works Director
City of Alamosa
PO Box 419 (425 4th Street)
Alamosa, Colorado 81101
Telephone: (719) 589-6631
E-mail: dkoskelin@cc.alamosa.co.us

OBLIGATIONS UNAFFECTED BY BANKRUPTCY

54. The obligations set forth herein are based on the Division's policies and regulatory authority. These obligations require specific performance by Alamosa of corrective actions carefully designed to prevent on-going or future harm to public health or the environment, or both. Enforcement of these obligations is not stayed by a petition in bankruptcy. Further, the obligations imposed by this Consent Order are necessary for Alamosa and the System to achieve and maintain compliance with State law.

MODIFICATIONS

55. This Consent Order may be modified only upon mutual written agreement of the Parties. The Division may extend in writing any deadlines set forth herein, and upon acceptance of such extension by Alamosa, any such extension shall constitute a modification to this Consent Order.

NOTICE OF COMPLETION

56. Alamosa shall submit a Notice of Completion to the Division upon satisfactory completion of all requirements of this Consent Order. The Division shall either accept or reject the Notice of Completion in writing. If the Division rejects the Notice of Completion, it shall include in its notice a statement identifying the requirements that the Division considers incomplete or not satisfactorily performed and a schedule for completion. If Alamosa wishes to dispute the Division's rejection of its Notice of Completion, it shall, within fifteen (15) days of receipt of the Division's rejection, submit a written statement as to its belief of full compliance, addressing in detail all concerns the Division raised in the rejection letter to the System's Notice of Completion.

NOTICE OF EFFECTIVE DATE OF CONSENT ORDER

57. This Consent Order shall constitute a final agency action and be fully effective and enforceable upon the date signed by the last party.

BINDING EFFECT AND AUTHORIZATION TO SIGN

58. This Consent Order is binding upon the Parties and its corporate subsidiaries or parents, their officers, directors, employees, successors in interest, and assigns. The undersigned warrant that they are authorized to legally bind their respective principals to this Consent Order. Alamosa agrees to provide a copy of this Consent Order to any contractors and other agents performing work pursuant to this Consent Order and require such agents to comply with the requirements of this Consent Order. In the event that a party does not sign this Consent Order within thirty (30) calendar days of the other party's signature, this Consent Order becomes null and void. This Consent Order may be executed in multiple counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same Consent Order.

FOR THE CITY OF ALAMOSA

Farris J. Bervig Date: 10-1-08

Farris J. Bervig, Mayor
City of Alamosa

FOR THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Lori M Gerzina Date: 10/10/08

Lori M. Gerzina, Section Manager
Compliance Assurance and Data Management Section
Water Quality Control Division

Attachment 1

Draft Disease Outbreak Investigation Scope

I. Water System Facilities and Flows

A. Wells

1. Which wells in use since early February and percent of flows from each
2. Any repairs or maintenance work done on wells
3. Well construction details, i.e. logs
4. Well casing inspections or video footage?
5. SWAP Report
6. Irrigation wells – cross connection?

B. Tank operations

1. Water levels back to early February
2. Potential for stagnation in any of the tanks
3. Operator logs

C. Water quality data before March 1, 2008

1. Complaints?
2. Bacti
3. Temperature
4. Arsenic
5. Other

II. Storage Facilities – Weber, Craft and Ross

A. Constructed when?

B. Last drained/inspected prior to event?

C. Standard maintenance schedule for storage facilities and records from prior inspections

D. Any construction activities in March 2008? (one photo appears to show tire tracks near the Weber)

E. Summarize all work done during outbreak including sample results

F. Interview personnel involved in Weber cleanout

G. Craft and Ross Tank inspection reports from April to May 2008

H. Drain line from Weber, any chance for backflow into Weber?

I. How long had there been integrity issues with Weber Reservoir and Ross Tower?

J. Evidence of seepage into Weber after shutdown?

III. Distribution system

A. Age of pipe and construction details

B. Distribution system maintenance program including periodic line flush and recent records, HPC data

C. Water system flow model for early March 2008 including estimation of possibility of pressure zones being created by flows from wells or tanks

D. Status of cross connection control in early 2008

1. **Program activities**
2. **Last cross connection control survey**
3. **Most recent cross connection repairs**

E. Cross connection survey during outbreak (interview personnel), view results on map and inventory of potential cross connections, hazard level, control devices and testing records

F. Cross connection work done since the outbreak including status update for follow-up on moderate to high risk hazard potential cross connections as per boil water order lift documents

G. Construction work in 2008

1. **Near roads**
2. **Residential**
3. **Near Adams State?**
4. **New WTP**

H. Line breaks in 2008 when?

I. Saturated areas?

J. Other activities

IV. Other events of potential interest

A. Precipitation and melts

B. River stage data

C. Fires

D. Low pressure events

E. Special events

F. Other construction and/or maintenance activities

G. Seismic activity (disturb wells or aquifer)

H. Vandalism/tampering events

I. Staff changes

V. Data collected during the outbreak

A. Before chlorine flush

1. Total coliform including March 5, 17, 20 and 21 – show on map

2. Fecal and/or e. coli results

3. Salmonella results – show on map

4. Giardia and crypto results – show in map

5. Sand samples from Weber including quantity and how collected

6. Feces samples – locations and results

7. Other – HPC, arsenic

B. After chlorine flush

1. Chlorine residual

2. Total coliform

3. Salmonella

4. Turbidity

5. Arsenic

6. Lead and copper

7. Well data for salmonella

8. Wells and distribution samples for MPA

9. Bird feathers found in Weber pump house on March 29

10. Sand sample from Ross tower – including quantity, how collected and analysis

VI. Other Documents

A. Memos provided by City

B. Prior sanitary survey reports and interview inspectors

VII. Epidemiological investigation

A. Source of salmonella strain – animal

B. Types of animals with salmonella, crypto and giardia

C. Cases – numbers and locations

D. Maps including date and age

E. Giardiasis cases

VIII. Personnel interviews with Alamosa and CDPHE personnel, as well as CO-WARN responders if amenable

IX. Review all files, ala CORA request

X. Literature review of other similar outbreaks – confirm with Michael Beech at CDC

A. Gideon, MO (salmonella)

B. Riverside, CA (salmonella)

C. Queensland, Australia (salmonella)

D. Trinidad, West Indies (salmonella)

E. Greenville, FL (Campylobacter)

F. Sewickle, PA (etiology not identified)

G. Sellersberg, IN (not salmonella)

H. South Bass Island, OH (multiple etiologies – sewage)

I. Riverside, CA

XI. Other specific items to address in terms of likelihood as the source of contamination and scenario that would lead to disease outbreak

A. Wells

B. Alligator farm

C. Meat packing plant

D. Weber reservoir

E. Craft tower

F. Ross tower

G. Other cross connections

H. Irrigation system cross connection

I. Sewer cross connection

J. Intentional event

XII. Summary and Conclusions

Attachment Two

High Hazard - Immediate

	Location	Address	Comments	Hazard	Status
1	Rogers Mortuary	205 State	Needs RPZ on domestic service	High	Inst/Insp 4-8-08
2	Romero Mortuary	1407 State	Needs RPZ on domestic service	High	Inst/Insp 4-8-08
3	Valley Meats	810 West	Needs RPZ on domestic service	High	In progress
4	Efferims	808 West	Needs RPZ on domestic service	High	In progress
5	SLV Regional Medical Hospital	105 Blanca Ave	Redundant system - One is containment	High	Insp 4-8-08
6	SLV Regional Medical Center	2115 Stewart	Fire/Domestic	High	Insp 4-8-08
23	Valley-Wide Health Systems	128 Market St.	Fire/Domestic	High	Insp 4-8-08

Protected, Inspections Pending

	Location	Address	Comments	Hazard
[redacted]				
2	River Works Rehab	3407 Corroll St.	Fire /Domestic	
3	Chillys Restaurant	3231 Main St.	Fire /Domestic	
4	Davita Dialysis	612 Del Sol Dr.	Fire /Domestic	
5	Diamond Shamrock	3213 Maim St.	Domestic	
6	Car Wash	3218 Main	Domestic	
7	Vallet Pride Car Wash	51 Craft Dr.	Domestic	
8	San Luis Care Center	240 Craft Dr.	Fire /Domestic	
9	Big R Store	148 Craft Dr.	Fire	
[redacted]				
11	Alamosa Dental Clinic		Domestic	
15	Brewery Restaurant	428 San Jaun	Domestic	
16	Harleez restaurant	410 State.	Domestic	
17	Daimond Shamrock	1601 Main	Domestic	
18	Pro Lube Car Wash	2105 Main	Domestic	
19	Strip Mall	3302 Clark St.	Domestic	
20	Strip Mall	3332 Clark St.	Domestic	
21	Dollar Tree	3420 Marposa St.	Domestic	
22	Town and Country Chevrolet	30 Craft Dr.	Domestic	
23	Town and Country Chrysler	20 Graft Dr.	Domestic	
24	Town and Country Ford	10 Craft Dr.	Domestic	

Blacked out rows above are:

1. WalMart

10. City Market 131 Market St. Fire/Domestic

Medium Hazard - No Protection - High Priority

	Location	Address	Comments	Hazard
1	Wendys	3338 Clark	Needs RPZ on domestic service	Medium
2	MacDonlds	100 Craft	Needs RPZ on domestic service	Medium
3	Burger King	25010 West Main	Needs RPZ on domestic service	Medium
4	Taco Bell/Long John Silivers	2435 Main St.	Needs RPZ on domestic service	Medium
5	Sun Shine Laundry	217 Market St.	Needs RPZ on domestic service	Medium
6	Subway	2207 Main Str.	Needs RPZ on domestic service	Medium
7	ABC Pro Bowl	204 Victoria	Needs RPZ on domestic service	Medium
8	Arbys	Carson	Needs RPZ on domestic service	Medium
9	Sonic	1605Main St	Needs RPZ on domestic service	Medium
10	Campus Café	Poncha	Needs RPZ on domestic service	Medium
11	Italian Deli	1419 Main St.	Needs RPZ on domestic service	Medium
12	Monterery Café	1406 Main St.	Needs RPZ on domestic service	Medium
13	Calvillos Mexican Restaurant	285 Main	Needs RPZ on domestic service	Medium
14	CW McCools Restaurant	500 Blk State	Needs RPZ on domestic service	Medium
15	LampLighter Restaurant	425 Main	Needs RPZ on domestic service	Medium
16	Trujillos Restaurant	Sixth and State	Needs RPZ on domestic service	Medium
17	Trujillos Restaurant	300 Block Main	Needs RPZ on domestic service	Medium
18	Loaf-jug Chester Fried	102 E- Highway 160	Needs RPZ on domestic service	Medium
19	SDC Labs	2329 Lava Lane	Needs RPZ on domestic service	Medium
20	Valentinos Food Mart	170 Blk State	Needs RPZ on domestic service	Medium
21	Vans Machine Shop	1501 State	Needs RPZ on domestic service	Medium
22	Southside Suds Laundry	800 Blk State	Needs RPZ on domestic service	Medium
23	1st Stop Convenience Store	725 State	Needs RPZ on domestic service	Medium
24	Pizza Hut	814 Main	Needs RPZ on domestic service	Medium
25	Daimond Shamrock	Main and Denver	Needs RPZ on domestic service	Medium
26	B&Ds Laundromant	600 blk La Veta	Needs RPZ on domestic service	Medium
27	Strip Mall	630 Del Sol	Needs RPZ on domestic service	Medium
28	Strip Mall	730 Del Sol	Needs RPZ on domestic service	Medium
29	Motor Parts	302 State	Needs RPZ on domestic service	Medium
30	NAPA Auto & Truck Shop	2807 Adock Blvd	Needs RPZ on domestic service/Boiler	Medium
31	Inn on The Rio Grande	333 Santa Fe	Needs RPZ on domestic service; Needs double check on two fire systems; Redundant Service to water park	Medium
32	Days Inn	224 O'Keefe Pkwy	Needs RPZ on domestic service	Medium
33	Best Western Motel	2005 West Main	Needs RPZ on domestic service	Medium
34	Valley Motel	2051 West Main	Needs RPZ on domestic service	Medium
35	Super 8 Motel	2505 West Main	Needs RPZ on domestic service	Medium
36	The Grizzly Inn	1919 West Main	Needs RPZ on domestic service	Medium
37	Boy and Grils Club	900 Blk West	Needs RPZ on domestic service	Medium
38	Valley Health and Fitness	1561 12,th Street	Needs RPZ on domestic service	Medium
39	Konishi Veterinary Hospital	Victiroa	Needs RPZ on domestic service	Medium
40	Cheris Pet Care & Grooming	538 Main	Needs RPZ on domestic service	Medium
41	Milagras Coffee	529 Main	Needs RPZ on domestic service	Medium
42	Rios Restraunt	525 Main	Needs RPZ on domestic service	Medium
43	Oscars Mexican Food	520 Main	Needs RPZ on domestic service	Medium
44	Valley Dry Cleaning	432 Main	Needs RPZ on domestic service	Medium
45	Valley Car Wash	420 Main	Needs RPZ on domestic service	Medium
46	Lamplighter Motel	400 Blk Bell	Needs RPZ on domestic service	Medium
47	Mrs Riveros Kitchen	1012 Sixth	Needs RPZ on domestic service	Medium

48	St Ives Pub	Main Street	Needs RPZ on domestic service	Medium
49	Wess Cleaners	627 Main	Needs RPZ on domestic service; needs air gap on boilers	Medium
50	May/Wa Chinese Restaurant	620 Main St	Needs RPZ on domestic service	Medium
51	Down Town Cantina	513 State	Needs RPZ on domestic service	Medium
52	Purple Pig Pub	624 Main St	Needs RPZ on domestic service	Medium
53	San Luis Berwery	Main and San Juan	Needs RPZ on domestic service	Medium
54	Quiznos Sub	415 Main St.	Needs RPZ on domestic service	Medium
55	Hunan Chinese Restaurant	419 Main	Needs RPZ on domestic service	Medium
56	East West Grill	408 4 Fourth St.	Needs RPZ on domestic service	Medium
57	Rockies/ Lamplighter Rest.	425 Main St.	Boilers connected to sewer	Medium
58	Lamplighter Motel	400 Blk Bell	Swimming pool filter connected to sewer, told to remove	Medium

Low Hazard - No Protection - Medium Priority

	Location	Address	Comments	Hazard
1	Villa Mall		Needs RPZ on domestic service	Low
2	Big R Store	148 Craft	Needs RPZ on domestic service	Low
3	Realty/ Medical	1701 Main St.	Needs RPZ on domestic service	Low
4	A&L Coors	1905 State	Needs RPZ on domestic service	Low
5	Coca Cola	2255 Enterprise Dr.	Needs RPZ on domestic service	Low
6	P-Tec	Lava Lane	Needs RPZ on domestic service	Low
7	Beer Keg Depot	Del Sol	Needs RPZ on domestic service	Low
8	Stohlquist	Enterprise Dr.	Needs RPZ on domestic service	Low
9	Schwans	2260 Enterprise dr.	Needs RPZ on domestic service	Low
10	American Family Insurance	301 State Ave.	Needs RPZ on domestic service	Low
11	WSB Computer	21 Craft Dr.	Needs RPZ on domestic service	Low
12	USDA 101	101 S. Craft Dr.	Needs RPZ on domestic service	Low
X 13	Rocky Mtn Eye Care Center	2509 Main St.	Needs RPZ on domestic service	Low
14	Peak Motor Sports	2901 Adcock Blvd.	Needs RPZ on domestic service	Low
15	Sherwin Willians	200 Craft Dr.	Needs RPZ on domestic service	Low
16	Cottonwood Dental	2405 Mullins	Needs RPZ on domestic service	Low
17	Enterprise Bldg.	2415 Mullins	Needs RPZ on domestic service	Low.
18	Mark outdoors sports	235 Craft Dr.	Needs RPZ on domestic service	Low
19	Alamosa General Rental	2514 Frist St.	Needs RPZ on domestic service	Low
20	Rogers Auto Specialist	2520 Frist St.	Needs RPZ on domestic service	Low
21	De Loss Industries	1799 Tremont	Needs RPZ on domestic service	Low
22	Family Dollar Store	1051 West Ave	Needs RPZ on domestic service	Low

Attachment 3

STATE OF COLORADO

Bill Ritter, Jr., Governor
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
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Located in Glendale, Colorado

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8100 Lowry Blvd.
Denver, Colorado 80230-6928
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Colorado Department
of Public Health
and Environment

September 23, 2008

Farron Hall, Administrator
City of Alamosa
PWSID# CO0102100
P.O. Box 419
Alamosa, Colorado 81645

RE: Revised Monitoring Schedule for City of Alamosa
PWSID# CO0102100
Alamosa County

Mr. Hall:

Attached please find a revised 2008 Monitoring Schedule, detailing new and forward-going sampling requirements for the City of Alamosa public water system (the "System"). The Water Quality Control Division (the 'Division') understands that the System has initiated operation of your new water treatment plant, and as such your 2008 monitoring requirements have changed.

Please review the following summary of sampling requirements as they may differ from previous monitoring schedule requirements:

- Total coliform monitoring requirements have returned to the standard requirement of ten samples per month. The Division requests that these samples be collected from ten different locations within the distribution system, and in accordance with the System's Monitoring Plan;
- Heterotrophic bacteria (HPC) monitoring requirements have been added to your sampling schedule. Ten (10) HPC samples are required on a quarterly basis. All ten (10) of these samples should be collected in one month during the quarter, and the sampling locations should coincide with the total coliform sampling locations. Additionally, HPC samples should be collected at the same time as the monthly total coliform samples;

- The requirement for disinfection by-product (DBP) monitoring continues on a quarterly basis at the point of maximum residency time (MAXRES1) within the distribution system. Given that the entry point to the distribution system has changed with the initiation of the new treatment plant, please ensure that the appropriate MAXRES1 location is being used. If you have questions regarding the appropriate MAXRES1 location, please contact Ms. Emily Clark, DBP Rule Manager, at 303.692.3502;
- Arsenic sampling is required at the entry point (after all treatment at the new treatment plant) on a monthly basis;
- The requirement for arsenic monitoring continues on a monthly basis within Zones 1 (722 Craft), Zone 2 (419 Hunt) and Zone 3 (1730 San Juan) in distribution;
- Nitrate sampling is required at the entry point (after all treatment at the new treatment plant) one time before the end of calendar year 2008;
- Monitoring requirements for volatile organic chemicals and synthetic organic chemicals will be detailed on the System's 2009 Monitoring Schedule. No additional sampling is required for these contaminants during 2008;
- Monitoring requirements for lead and copper will be detailed on the System's 2009 Monitoring Schedule. No additional sampling is required for these contaminants during 2008. In preparation for 2009 sampling requirements, please note:
    - The System will be required to perform lead and copper tap water monitoring at forty (40) previously identified locations between January 1, 2009 and June 30, 2009;
    - The System will also be required to perform lead and copper tap water monitoring at the same forty (40) locations between July 1, 2009 and December 31, 2009;
    - The System will be required to perform water quality parameter monitoring between January 1, 2009 and June 30, 2009. This monitoring will require collecting two (2) samples at each entry point and collecting two (2) samples at three (3) distribution sites and analyzing for the following parameters: pH, alkalinity, calcium, conductivity and water temperature;
    - The System will be required to perform the same water quality parameter monitoring again between July 1, 2009 and December 31, 2009;
    - The System will be required to re-evaluate their material survey of the distribution system and submit a report by June 30, 2009.

Please begin monitoring in accordance with the revised schedule and discard any previously provided schedules. The System will be operating under an Enforcement Order on Consent during the monitoring period(s) described in the attached schedule. Please note that the Enforcement Order may impose additional or more stringent monitoring requirements and you are expected to comply with the requirements of the Enforcement Order.

If you have any questions regarding the monitoring requirements for the System, I can be reached at 303-692-3258 or via electronic mail at sean.scott@state.co.us.

Sincerely,

Sean Scott, Workgroup Leader
Drinking Water Compliance & Assurance Unit
Water Quality Control Division

cc: Drinking Water File, CO0102100

ec: Scott Klarich, CADM Section Enforcement, CDPHE-WQCD

2008 Public Water System Monitoring Requirements

If you have received an Enforcement Order from the Division, please note that the Enforcement Order may impose additional or more stringent monitoring requirements and you are expected to comply with the requirements of the Enforcement Order. If you have any questions or concerns regarding your monitoring requirements, please contact the Division immediately.

CO6102100	ALAMOSA CITY OF	ALAMOSA	Ground Water	Community	9133

Analyte Name	Analyte Code	Sample Requirements	Collection Period
COLIFORM (TCR)	3100	10 sample(s) per month during the collection period.	10/1/2008 - 12/31/2008

Analyte Name	Analyte Code	Sample Requirements	Collection Period
Hetrotrophic Bacteria (HPC)	3001	10 sample(s) per quarter. Taken all in one month, concurrent with total coliform sampling.	10/1/2008 - 12/31/2008

[redacted]

Sampling Pt MAXRES1 **Type** MR **Location** MAXIMUM RESIDENCE IN DISTRIBUTION SYSTEM

Analyte Group Name DBP GROUP **Monitoring Period** 4/1/2008 - 6/30/2008

Analyte Name	Analyte Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
TOTAL HALOACETIC ACIDS (HAA5)	2456	1 sample(s) per quarter during the collection period.	4/1/2008 - 6/30/2008	6/26/2008	1	Yes
TTHM	2950	1 sample(s) per quarter during the collection period.	4/1/2008 - 6/30/2008	6/26/2008	1	Yes

Analyte Group Name DBP GROUP **Monitoring Period** 7/1/2008 - 9/30/2008

Analyte Name	Analyte Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
TOTAL HALOACETIC ACIDS (HAA5)	2456	1 sample(s) per quarter during the collection period.	7/1/2008 - 9/30/2008		0	No
TTHM	2950	1 sample(s) per quarter during the collection period.	7/1/2008 - 9/30/2008		0	No

Analyte Group Name DBP GROUP **Monitoring Period** 10/1/2008 - 12/31/2008

Analyte Name	Analyte Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
TOTAL HALOACETIC ACIDS (HAA5)	2456	1 sample(s) per quarter during the collection period.	10/1/2008 - 12/31/2008		0	No
TTHM	2950	1 sample(s) per quarter during the collection period.	10/1/2008 - 12/31/2008		0	No

[redacted]

Facility 007 - ALAMOSA TREATMENT FACILITY Type TP

Analyte Name	Code	Sample Requirements	Monitoring Period Collection Period	Last Taken	10/1/2008 - 10/31/2008 Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	10/1/2008 - 10/31/2008		0	No

Analyte Name	Code	Sample Requirements	Monitoring Period Collection Period	Last Taken	11/1/2008 - 11/30/2008 Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	11/1/2008 - 11/30/2008		0	No

Analyte Name	Code	Sample Requirements	Monitoring Period Collection Period	Last Taken	12/1/2008 - 12/31/2008 Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	12/1/2008 - 12/31/2008		0	No

Monitoring Period 5/1/2008 - 5/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	5/1/2008 - 5/31/2008	5/19/2008	1	Yes

Monitoring Period 6/1/2008 - 6/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	6/1/2008 - 6/30/2008	6/26/2008	1	Yes

Monitoring Period 7/1/2008 - 7/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	7/1/2008 - 7/31/2008	7/31/2008	1	Yes

Monitoring Period 8/1/2008 - 8/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	8/1/2008 - 8/31/2008	8/25/2008	1	Yes

Monitoring Period 9/1/2008 - 9/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	9/1/2008 - 9/30/2008		0	No

Monitoring Period 10/1/2008 - 10/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	10/1/2008 - 10/31/2008		0	No

Monitoring Period 11/1/2008 - 11/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	11/1/2008 - 11/30/2008		0	No

Monitoring Period 12/1/2008 - 12/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	12/1/2008 - 12/31/2008		0	No

Monitoring Period 5/1/2008 - 5/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	5/1/2008 - 5/31/2008	5/19/2008	1	Yes

Monitoring Period 6/1/2008 - 6/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	6/1/2008 - 6/30/2008	6/26/2008	1	Yes

Monitoring Period 7/1/2008 - 7/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	7/1/2008 - 7/31/2008	7/31/2008	1	Yes

Monitoring Period 8/1/2008 - 8/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	8/1/2008 - 8/31/2008	8/25/2008	1	Yes

Monitoring Period 9/1/2008 - 9/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	9/1/2008 - 9/30/2008		0	No

Monitoring Period 10/1/2008 - 10/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	10/1/2008 - 10/31/2008		0	No

Monitoring Period 11/1/2008 - 11/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	11/1/2008 - 11/30/2008		0	No

Monitoring Period 12/1/2008 - 12/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	12/1/2008 - 12/31/2008		0	No

Monitoring Period 5/1/2008 - 5/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	5/1/2008 - 5/31/2008	5/19/2008	1	Yes

Monitoring Period 6/1/2008 - 6/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	6/1/2008 - 6/30/2008	6/26/2008	1	Yes

Monitoring Period 7/1/2008 - 7/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	7/1/2008 - 7/31/2008	7/31/2008	1	Yes

Monitoring Period 8/1/2008 - 8/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	8/1/2008 - 8/31/2008	8/25/2008	1	Yes

Monitoring Period 9/1/2008 - 9/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	9/1/2008 - 9/30/2008		0	No

Monitoring Period 10/1/2008 - 10/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	10/1/2008 - 10/31/2008		0	No

Monitoring Period 11/1/2008 - 11/30/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	11/1/2008 - 11/30/2008		0	No

Monitoring Period 12/1/2008 - 12/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
ARSENIC	1005	1 sample(s) per month during the collection period.	12/1/2008 - 12/31/2008		0	No

[redacted]

Facility 007 - ALAMOSA TREATMENT FACILITY **Type** TP

Analyte Group Name NITRATE **Monitoring Period** 1/1/2008 - 12/31/2008

Analyte Name	Code	Sample Requirements	Collection Period	Last Taken	Number Taken	Sched Satisfied
NITRATE	1040	1 sample(s) per year during the collection period.	1/1/2008 - 12/31/2008	2/27/2008	0	Yes

[redacted]

Compliance Schedule CCR -

Activity Name	Due Date	Achieved Date	Comment
SUBMIT CCR REPORT TO STATE	6/30/2008	7/9/2008	
SUBMIT CERTIFICATE OF DELIVERY	6/30/2008	7/9/2008	

RECEIVED

OCT 07 2008

WATER QUALITY CONTROL DIVISION