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FENNEMORE CRAIG, P.C.
A Professional Corporation
Jay L. Shapiro (No. 014650)
Patrick J. Black (No. 017141)
3003 North Central Avenue, Suite 2600
Phoenix, Arizona 85012
Telephone (602) 916-5000

Attorneys for Balterra Sewer Corp.

Arizona Corporation Commission
DOCKETED
JAN 24 2007

2007 JAN 24 P 4: 36
AZ CORP COMMISSION
DOCUMENT CONTROL

DOCKETED BY
CMR ne

BEFORE THE ARIZONA CORPORATION COMMISSION

IN THE MATTER OF THE APPLICATION
OF BALTERRA SEWER CORP. FOR A
CERTIFICATE OF CONVENIENCE AND
NECESSITY TO PROVIDE WASTEWATER
SERVICE IN MARICOPA COUNTY,
ARIZONA.

DOCKET NO. SW-20403A-05-0586
NOTICE OF FILING STATUS REPORT

Pursuant to Decision No. 68742 (June 5, 2006), Balterra Sewer Corp. ("Balterra") hereby files this Status Report, which describes the company's progress in working with the Water Utility of Greater Tonopah ("WUGT") to increase the use of effluent, specifically as it pertains to golf courses, ornamental lakes or other aesthetic water features. The Status Report is attached hereto as Exhibit 1, and include two attachments:

1. Coordination Agreement for Development of Water and Wastewater Facilities between WUGT and Balterra, dated November 23, 2005; and
2. North Tonopah Southeast Planning Area – Reclaimed Water Master Plan (Draft) dated October, 2006.

RESPECTFULLY SUBMITTED this 24th day of January, 2007.

FENNEMORE CRAIG, P.C.

By: 
Jay L. Shapiro
Patrick J. Black
Attorneys for Balterra Sewer Corp.

1 ORIGINAL and 13 copies hand-delivered
2 this 24th day of January, 2007 to:

3 Docket Control
4 Arizona Corporation Commission
5 1200 West Washington Street
6 Phoenix, Arizona 85007

7 COPY of the foregoing hand-delivered
8 this 24th day of January, 2007 to:

9 Kim Battista, Compliance
10 Utilities Division
11 Arizona Corporation Commission
12 1200 W. Washington Street
13 Phoenix, Arizona 85007

14 By Maria San Jose
15 873388.1/16357.002

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Exhibit 1

STATUS REPORT

Coordination Efforts with Water Utility of Greater Tonopah for Increased Use of Effluent on Golf Courses, Ornamental Lakes and Other Aesthetic Water Features

Decision No. 68742
Docket No. SW-20403A-05-0586

Pursuant to Decision No. 68742 (June 5, 2006), Balterra Sewer Corp. ("Balterra") is required to file a status report with the Arizona Corporation Commission ("Commission") detailing efforts to coordinate water and wastewater activities with the Water Utility of Greater Tonopah. Attached hereto is a Coordination Agreement for Development of Water and Wastewater Facilities entered into between Balterra and WUGT on November 23, 2005 ("Coordination Agreement"). Among other things, the Coordination Agreement requires Balterra and WUGT to:

- provide mutual support and technical assistance in designing and developing complimentary water and wastewater treatment systems to promote orderly growth and development in western Maricopa County;
- Work cooperatively in Maricopa County, state and local officials in identifying and developing complimentary systems; and
- Work together to obtain the Commission approvals necessary in order to expand these systems to meet growth in an orderly fashion.

Balterra has been working with WUGT pursuant to the Coordination Agreement. Residential and commercial development within Balterra's Certification of Convenience and Necessity ("CC&N") will soon commence, and the parties met in early 2006 to discuss preliminary plans for the construction of infrastructure necessary to meet water and wastewater treatment service needs. A construction schedule has been drafted, and a

preliminary Reclaimed Water Distribution Master Plan report has been submitted to the Maricopa County Department of Environmental Services for review and approval. This plan was also referenced in the Maricopa County, Balterra Wastewater Treatment Facility, Clean Water Act 208 Amendment.

**COORDINATION AGREEMENT FOR DEVELOPMENT OF WATER AND
WASTEWATER FACILITIES**

THIS COORDINATION AGREEMENT ("Agreement"), is entered into this 23rd - - - day of NOVEMBER, 2005, by and between WATER UTILITY OF GREATER TONOPAH, INC., an Arizona public service corporation duly approved as such by the Arizona Corporation Commission ("Commission"), or its successors and assigns (hereinafter referred to as "WUGT"), and BALTERRA SEWER CORP., an Arizona corporation, or its successors and assigns (hereinafter referred to as "Balterra"), for the coordination of efforts to develop water and wastewater utility systems in unincorporated areas of western Maricopa County.

WITNESSETH:

WHEREAS, WUGT owns and operates a public service corporation holding a Certificate of Convenience and Necessity from the Commission (the "CC&N") authorizing WUGT to serve the public with water service; and

WHEREAS, Balterra has an application pending before the Commission (Docket No. SW-20403A-05-0586) requesting approval to obtain a new CC&N to provide wastewater treatment service to a master planned community known as the Balterra Development and the Ruth Fisher Elementary School and The Tonopah Valley High School, both located in the Saddle Mountain Unified School District (the "School District") in western Maricopa County, as more fully described in Attachment 1 hereto and incorporated herein by reference for all purposes; and

WHEREAS, certain portions of the Balterra Development and School District described in Attachment 1 are located within WUGT's current CC&N, but those portions are not, as more fully detailed in Attachment 2 hereto and incorporated herein by reference for all purposes; and

WHEREAS, WUGT has received a request to provide water service to the Balterra Development and is willing to file an application with the Commission requesting authorization to extend its CC&N to include those areas identified in Attachment 2 that are supported by requests for service, and is willing to extend water service upon approval of such application and reaching mutually acceptable agreements with the landowners/developers; and

WHEREAS, WUGT and Balterra support the development of regional water and wastewater treatment providers where feasible; and

WHEREAS, WUGT and Balterra support the coordination of design, development and rendition of water and wastewater services, whether or not the utilities and/or facilities are under common ownership; and

WHEREAS, WUGT and Balterra intend to provide unincorporated portions of western Maricopa County with regional water service and regional wastewater treatment services, respectively and intend to cooperate and coordinate in the provision of such services.

NOW, THEREFORE, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. WUGT will support the wastewater CC&N application of Balterra in Docket No. SW-20403A-05-0586, currently pending before the Commission, including the provision of documentation indicating WUGT's willingness to provide water service to the Balterra Development and School District..
2. Within 60 days of the date of this Agreement, WUGT will file with the Commission an application to extend its water CC&N to include that portion of the area identified in Attachment 2 for which it has requests for water service.
3. Balterra will support the water CC&N application of WUGT to extend its CC&N when filed as required by Paragraph 2 above, including the provision of documentation indicating Balterra's willingness to provide wastewater service to the Balterra Development and School District.
4. WUGT and Balterra will provide mutual support and technical assistance in designing and developing complimentary water and wastewater treatment systems, within and in areas contiguous to the area identified in Attachment 1, to promote orderly growth and development in western Maricopa County.
5. WUGT and Balterra will work cooperatively with Maricopa County, state and local officials in identifying and developing complimentary water and wastewater treatment systems referenced in Paragraph 4 above, as well as other portions of western Maricopa County.
6. This Agreement automatically extends to any territory where WUGT and Balterra have overlapping CC&Ns for respective water and wastewater service in western Maricopa County and shall include any company providing either party managerial, operational and maintenance services pursuant to separate agreement(s).
7. The term of this Agreement shall be for a two (2) year period. The parties may thereafter elect to continue this agreement upon mutual consent.
8. This Agreement shall be binding upon and inure to the benefit of the parties and their respective successors in interest or permitted assigns of the certificates of convenience and necessity issued by the Commission relating to water and wastewater service to the Balterra Development provided written notice is provided to the other party within sixty (60) days of such succession or assignment.

9. This Agreement shall not be construed as creating a joint venture, partnership, or any other cooperative or joint arrangement between WUGT and Balterra, and shall be construed liberally to fulfill its purpose.

10. In the event suit is brought or an attorney is retained by either party to this Agreement to enforce the terms of this Agreement, or to collect money damages for breach hereof, the prevailing party shall be entitled to recover, in addition to any other remedy, reimbursement for reasonable attorney's fees, court costs, costs of investigation and other related expenses incurred in connection therewith.

11. The parties believe that Commission approval of this agreement is not required. The parties further agree that nothing herein shall be deemed an attempt to modify an Order, Decision, Tariff, rule or regulation of the Commission, but this Agreement does constitute the mutual commitment of WUGT and Balterra to work together to obtain Orders, Decisions, Tariffs, rules and/or regulations that are consistent with this Agreement. In the event Commission approval is determined to be required, the parties agree to work cooperatively to take all steps necessary to obtain such approval.

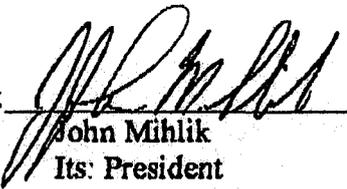
12. In the event that any provision of this Agreement is waived at any time or times by either party, or is rendered invalid or unenforceable by any court of competent jurisdiction, such waiver shall not be deemed a waiver of any other provisions of this Agreement, or a waiver for any other time or times, and no such holding shall invalidate or render unenforceable any other provision hereof. Waiver of a provision related, by its terms, to a specific act of either party, or to a specific event, shall not be deemed to be a waiver of any other acts or events contemplated by such provision.

13. Neither WUGT or any of its affiliates, nor Balterra or any of its affiliates, will perform any act that frustrates the purpose of this Agreement.

14. This Agreement constitutes the entire Agreement between the parties. All prior agreements between the parties related to the subject matter of this Agreement made either orally or in writing shall be deemed superceded hereby. This Agreement can only be amended by written consent of both parties.

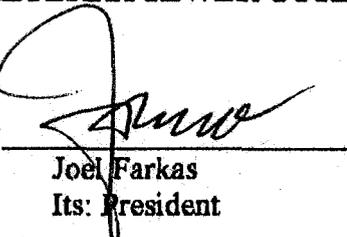
ACKNOWLEDGED AND AGREED:

WATER UTILITY OF GREATER TONOPAH, INC, an Arizona corporation

By: 
John Mihlik
Its: President

Dated: 11/23/05

BALTERRA SEWER CORP., an Arizona corporation

By: 
Joel Farkas
Its: President

Dated: 11/25/05

1735676.1

ATTACHMENT 1

PROPERTY DESCRIPTION

BALTERRA

THE DESCRIPTION FOR THAT PORTION OF THE PROPERTY DESCRIBED BELOW, LYING WITHIN SECTION 23, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, IS BASED ON AN ALTA/ACSM LAND TITLE SURVEY BY MORRISON MAIERLE, INCORPORATED, DATED SEPTEMBER 22, 2004.

THAT PORTION OF SECTION 19, TOWNSHIP 2 NORTH, RANGE 6 WEST, AND SECTION 24, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP AT THE SOUTHEAST CORNER OF SAID SECTION 19;

THENCE NORTH 89°28'08" WEST, ALONG THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 19, A DISTANCE OF 2,640.04 FEET TO A BRASS CAP AT THE SOUTH QUARTER CORNER OF SAID SECTION 19;

THENCE NORTH 89°28'43" WEST, ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1,687.12 FEET TO A HALF INCH REBAR AND YELLOW CAP MARKED "DEA 40622" AT THE SOUTHEAST CORNER OF THAT CERTAIN TRACT OF LAND CONDEMNED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 7553, PAGE 749, RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH 00°31'17" EAST, ALONG THE EAST LINE OF THAT CERTAIN TRACT OF LAND CONDEMNED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 7553, PAGE 749, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 65.22 FEET TO AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP;

THENCE NORTH 85°42'56" WEST, ALONG THE NORTH LINE OF THAT CERTAIN TRACT OF LAND CONDEMNED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 7553, PAGE 749, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 629.08 FEET TO AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP;

THENCE NORTH 74°33'19" WEST, ALONG THE NORTH LINE OF THAT CERTAIN TRACT OF LAND CONDEMNED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 7553, PAGE 749, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 308.20 FEET TO A HALF INCH REBAR AND YELLOW CAP MARKED "DEA 40622" AT A POINT ON THE WEST LINE OF SAID SECTION 19, ALSO BEING THE NORTHEAST CORNER OF THAT CERTAIN TRACT OF LAND DEEDED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 6412, PAGE 55, RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH 74°32'33" WEST, ALONG THE NORTH LINE OF THAT CERTAIN TRACT OF LAND DEEDED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 6412, PAGE 55, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 1,142.11 FEET TO AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP;

THENCE NORTH 74°32'55" WEST, ALONG THE NORTH LINE OF THAT CERTAIN TRACT OF LAND DEEDED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 6412, PAGE 55, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 1,300.16 FEET TO AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP;

THENCE NORTH 74°32'56" WEST, ALONG THE NORTH LINE OF THAT CERTAIN TRACT OF LAND DEEDED FOR HIGHWAY AS RECORDED UNDER DOCKET NO. 6412, PAGE 55, RECORDS OF MARICOPA COUNTY, ARIZONA, A DISTANCE OF 294.08 FEET TO A ONE HALF INCH REBAR ON THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 24;

THENCE NORTH 00°32'56" EAST, ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 24, A DISTANCE OF 1751.55 FEET TO A ONE INCH REBAR AT THE CENTER OF SAID SECTION 24;

THENCE NORTH 89°27'44" WEST, ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 1321.24 FEET TO A FIVE EIGHTHS INCH REBAR AT THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 00°33'08" EAST, ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 132.00 FEET TO A HALF INCH REBAR ON THE NORTH LINE OF THE SOUTH 132.00 FEET OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 89°27'44" WEST, ALONG THE NORTH LINE OF THE SOUTH 132.00 FEET OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 660.61 FEET TO A HALF INCH REBAR MARKED "DON MILLER, LS 15335" AT THE WEST LINE OF THE EAST HALF OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 00°33'16" EAST, ALONG THE WEST LINE OF THE EAST HALF OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 528.12 FEET TO A HALF INCH REBAR MARKED "DON MILLER, LS 15335" AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 89°27'40" WEST, ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 660.59 FEET TO A HALF INCH REBAR AND YELLOW CAP MARKED "DEA 40622" AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 00°33'24" EAST, ALONG THE WEST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 660.13 FEET TO A HALF INCH REBAR AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE SOUTH 89°27'36" EAST, ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 2642.28 FEET TO A FIVE EIGHTHS INCH REBAR AT THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24;

THENCE NORTH 00°32'53" EAST, ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24, A DISTANCE OF 1320.15 FEET TO A HALF INCH REBAR AT THE NORTH QUARTER CORNER OF SAID SECTION 24;

THENCE SOUTH 89°31'19" EAST, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 24, A DISTANCE OF 2645.96 FEET TO A GLO BRASS CAP AT THE NORTHEAST CORNER OF SAID SECTION 24;

THENCE SOUTH 00°33'36" WEST, ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 24, A DISTANCE OF 1320.00 FEET TO A HALF INCH REBAR AT THE SOUTH LINE OF THE NORTH 1320.00 FEET OF THE NORTHWEST QUARTER OF SAID SECTION 19;

THENCE SOUTH 89°29'19" EAST, ALONG THE SOUTH LINE OF THE NORTH 1320.00 FEET OF THE NORTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1320.00 FEET TO A HALF INCH REBAR AT THE SOUTHEAST CORNER OF THE WEST 1320.00 FEET OF THE NORTH 1320.00 FEET OF THE NORTHWEST QUARTER OF SAID SECTION 19;

THENCE NORTH 00°33'36" EAST, ALONG THE EAST LINE OF THE WEST 1320.00 FEET OF THE NORTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1320.00 FEET TO A HALF INCH REBAR ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 19, ALSO BEING THE NORTHEAST CORNER OF THE WEST 1320.00 FEET OF THE NORTH 1320.00 FEET OF THE NORTHWEST QUARTER OF SAID SECTION 19;

THENCE SOUTH 89°29'19" EAST, ALONG THE NORTH LINE OF THE OF THE NORTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1286.27 FEET TO A GLO BRASS CAP AT THE NORTH QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 89°29'54" EAST, ALONG THE NORTH LINE OF THE OF THE NORTHEAST QUARTER OF SAID SECTION 19, A DISTANCE OF 2643.72 FEET TO A REBAR WITH ALUMINUM CAP MARKED "LS 36563, 2004" AT THE NORTHEAST CORNER OF SAID SECTION 19;

THENCE SOUTH 00°32'10" WEST, ALONG THE EAST LINE OF THE OF THE NORTHEAST QUARTER OF SAID SECTION 19, A DISTANCE OF 2643.21 FEET TO A REBAR WITH ALUMINUM CAP MARKED "LS 36563, 2004" AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 00°32'12" WEST, ALONG THE EAST LINE OF THE OF THE SOUTHEAST QUARTER OF SAID SECTION 19, A DISTANCE OF 2643.45 FEET TO AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP AT THE SOUTHEAST CORNER OF SAID SECTION 19 AND THE POINT OF BEGINNING;

TOGETHER WITH THE NORTHEAST QUARTER OF SECTION 23, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA,

BEING ALSO DESCRIBED AS FOLLOWS:

BEGINNING AT A HALF-INCH REBAR AT THE NORTHEAST CORNER OF SECTION 23, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA;

THENCE SOUTH 00°33'24" WEST, ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 23, A DISTANCE OF 2640.55 FEET TO A GLO BRASS CAP AT THE EAST QUARTER CORNER OF SAID SECTION 23;

THENCE NORTH 89°26'32" WEST, ALONG THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 23, A DISTANCE OF 2636.57 FEET TO A HALF INCH REBAR WITH TAG MARKED "L.S. 12218" AT THE CENTER OF SAID SECTION 23;

THENCE NORTH 00°35'09" EAST, ALONG THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 23, A DISTANCE OF 2641.17 FEET TO A GLO BRASS CAP AT THE NORTH QUARTER CORNER OF SAID SECTION 23;

THENCE SOUTH 89°25'44" EAST, ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 23, A DISTANCE OF 2635.23 FEET TO A GLO BRASS CAP AT THE NORTHEAST CORNER OF SAID SECTION 23 AND THE POINT OF BEGINNING.

EXCEPT THAT PORTION OF THE SOUTHWEST QUARTER OF SAID SECTION 19 DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS CAP FOUND AT THE SOUTH QUARTER CORNER OF SAID SECTION 19, FROM WHICH AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP AT THE SOUTHEAST CORNER OF SAID SECTION 19 BEARS SOUTH 89°28'08" EAST, A DISTANCE OF 2640.04 FEET; THENCE NORTH 89°28'43" WEST, ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1482.82 FEET; THENCE NORTH 00°31'17" EAST, A DISTANCE OF 40.00 FEET TO A HALF IN REBAR AT A POINT ON A LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19 AND THE TRUE POINT OF BEGINNING;

THENCE CONTINUING NORTH 00°31'17" EAST, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT A POINT ON A LINE LYING 240.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19;

THENCE SOUTH 89°28'43" EAST, ALONG SAID LINE LYING 240.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR;

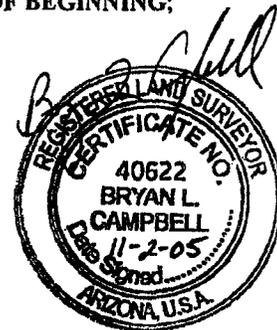
THENCE SOUTH 00°31'17" WEST, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT A POINT ON SAID LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19;

THENCE NORTH 89°28'43" WEST, ALONG SAID LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT THE POINT OF BEGINNING;

SITUATE IN THE COUNTY OF MARICOPA, STATE OF ARIZONA.

CONTAINS 1,110.083 ACRES MORE OR LESS. (GROSS)

CONTAINS 1,082.750 ACRES MORE OR LESS. (NET)



FD. AL. CAP
N.E. COR. SEC. 19, T.2N.,
R.6W., LS 36563 2004

FD. AL. CAP
E. 1/4 COR. SEC. 19, T.2N.,
R.6W., LS 36563

P.O.B.
FD. D.O.T. B.C.
UNDER FRESH
CHIP SEEL
S.E. COR. SEC.
19, T.2N., R.6W.

FD. GLO B.C.
N. 1/4 COR.
SEC. 19, T.2N.,
R.6W.
±0.9 UP

FD. AL. CAP E/W 1/4
COR. SEC. 24/19, T.2N.,
R.7W./R.6W.
LS 36563 2004

FD. B.C. IN H.H.
S. 1/4 COR.
SEC. 19, T.2N.,
R.6W.
LEMME LS 9081

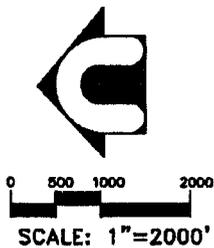
FD. GLO B.C.
N.E. COR. SEC. 24, T.2N.,
R.7W. N.W. COR. SEC. 19,
T.2N., R.6W. UP ±0.6'

SEE DETAIL
"A" PAGE 2

FD. 1/2" REBAR
N. 1/4 COR.
SEC. 24, T.2N.,
R.7W.
AT CORNER

FD. 1/2" REBAR,
N.W. COR. SEC.
24, T.2N., R.7W.

FD. GLO B.C.
W. 1/4 COR.
SEC. 24, T.2N.,
R.7W. DOWN 1.5'
BELOW
PAVEMENT



NOTE:
SEE PAGE 2 FOR LINE
TABLE AND LEGEND.

**BOUNDARY EXHIBIT
FOR
BALTERRA**

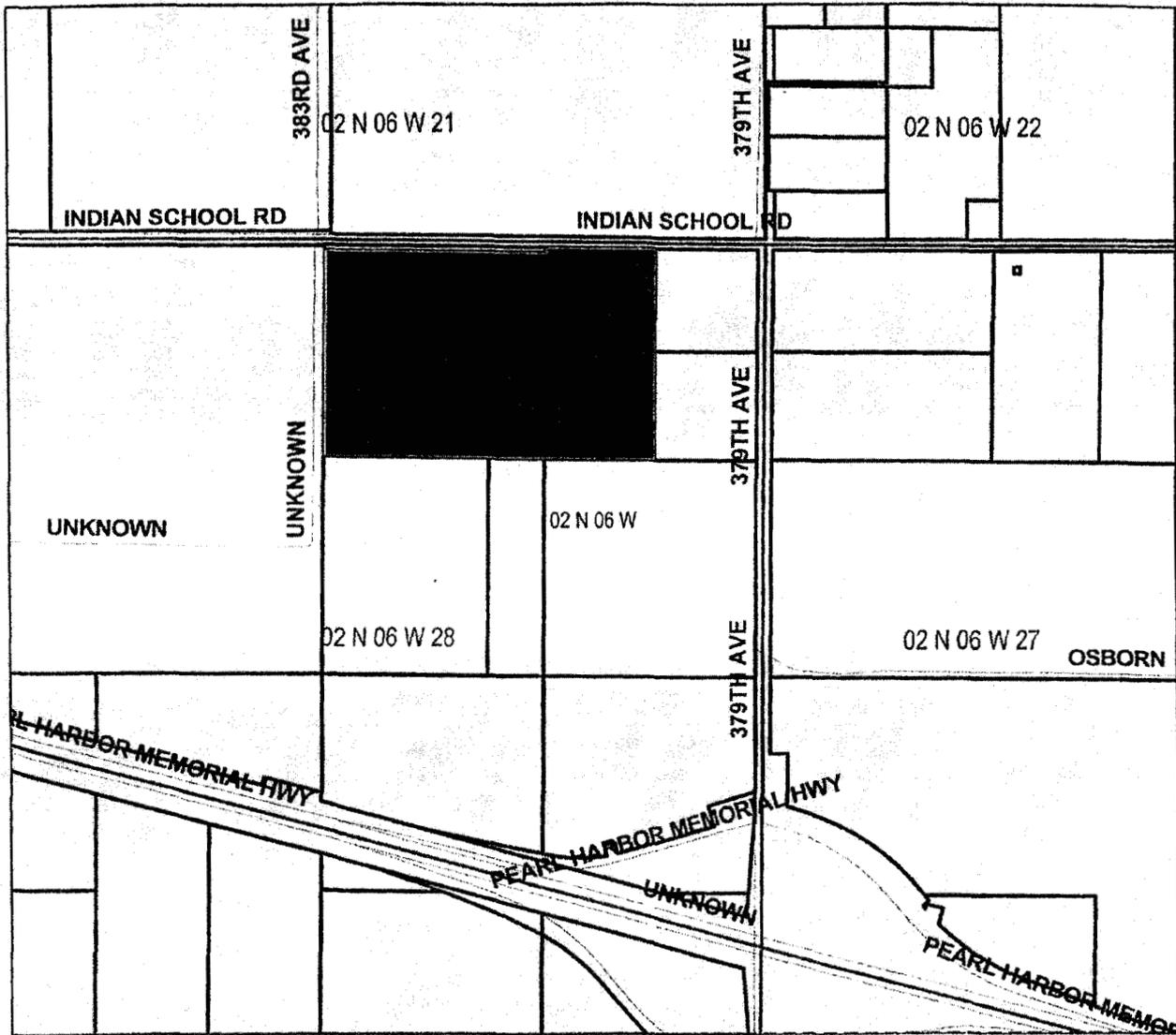
DE
**DAVID EVANS
AND ASSOCIATES INC.**
2141 East Highland Avenue, Suite 200
Phoenix Arizona 85016
Phone: 602.678.5151

DRAWN BY: *APIC*
CHECKED BY:
DATE: *4/05*

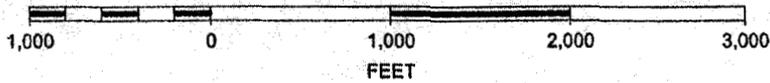
JOB NO.:
CYFG0002

SCALE:
1"=2000'

SHEET
1 OF 2



SCALE 1 : 12,000



ORDER NUMBER: 9F04866T-US

EXHIBIT 'A'

89 245589

A PORTION OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 2 NORTH, RANGE 6 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SAID SECTION 28:

THENCE SOUTH 00 DEGREES 01 MINUTES 42 SECONDS EAST, 65.00 FEET, ALONG THE WEST LINE OF SAID NORTHEAST QUARTER, TO A POINT ON THE SOUTH LINE OF THE ROAD DECLARED AT DOCKET 3124, PAGE 573-575, MARICOPA COUNTY RECORDS, SAID POINT BEING THE POINT OF BEGINNING;

THENCE NORTH 89 DEGREES 52 MINUTES 28 SECONDS EAST, 1321.30 FEET, ALONG SAID SOUTH LINE, SAID LINE BEING 65.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF SAID NORTHEAST QUARTER TO A POINT ON THE EAST LINE OF THE NORTHWEST QUARTER OF SAID NORTHEAST QUARTER;

THENCE SOUTH 00 DEGREES 01 MINUTES 51 SECONDS EAST, 1257.08 FEET, ALONG SAID EAST LINE, TO THE SOUTHEAST CORNER OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER;

THENCE SOUTH 89 DEGREES 55 MINUTES 17 SECONDS WEST, 1321.35 FEET, ALONG THE SOUTH LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER, TO THE SOUTHWEST CORNER OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER;

THENCE NORTH 00 DEGREES 01 MINUTES 42 SECONDS WEST, 1256.00 FEET, ALONG THE WEST LINE OF SAID NORTHEAST QUARTER TO THE POINT OF BEGINNING.

ATTACHMENT 2

WATER SERVICE AREA DESCRIPTION

BALTERRA

THE NORTHEAST QUARTER AND THE SOUTH HALF OF SECTION 19, TOWNSHIP 2 NORTH, RANGE 6 WEST, AND SECTION 24, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA;

EXCEPT THAT PORTION OF THE SOUTHWEST QUARTER OF SAID SECTION 19 DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS CAP FOUND AT THE SOUTH QUARTER CORNER OF SAID SECTION 19, FROM WHICH AN ARIZONA DEPARTMENT OF TRANSPORTATION BRASS CAP AT THE SOUTHEAST CORNER OF SAID SECTION 19 BEARS SOUTH $89^{\circ}28'08''$ EAST, A DISTANCE OF 2640.04 FEET; THENCE NORTH $89^{\circ}28'43''$ WEST, ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 1482.82 FEET; THENCE NORTH $00^{\circ}31'17''$ EAST, A DISTANCE OF 40.00 FEET TO A HALF INCH REBAR AT A POINT ON A LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19 AND THE TRUE POINT OF BEGINNING;

THENCE CONTINUING NORTH $00^{\circ}31'17''$ EAST, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT A POINT ON A LINE LYING 240.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19;

THENCE SOUTH $89^{\circ}28'43''$ EAST, ALONG SAID LINE LYING 240.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR;

THENCE SOUTH $00^{\circ}31'17''$ WEST, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT A POINT ON SAID LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19;

THENCE NORTH $89^{\circ}28'43''$ WEST, ALONG SAID LINE LYING 40.00 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 19, A DISTANCE OF 200.00 FEET TO A HALF IN REBAR AT THE POINT OF BEGINNING;

ALSO EXCEPT ANY PORTION OF THE SOUTHWEST QUARTER OF SAID SECTION 19 LYING WITHIN THAT CERTAIN TRACT OF LAND CONDEMNED FOR HIGHWAY PURPOSES BY INSTRUMENT RECORDED UNDER DOCKET 7553, PAGE 749, RECORDS OF MARICOPA COUNTY ARIZONA.

SITUATE IN THE COUNTY OF MARICOPA, STATE OF ARIZONA.

CONTAINS 475.815 ACRES MORE OR LESS.



North Tonopah Southeast Planning Area

Reclaimed Water Master Plan

DRAFT - October 2006

Prepared by:

CSA
engineering

4645 E Cotton Center Blvd Suite 169, Building 2 – Phoenix, AZ 85040
Phone: (602) 454 - 9100 – Fax: (602) 454 - 9055 – www.csaei.com

North Tonopah Southeast Planning Area

Water Reuse Master Plan

Prepared for:

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Prepared by:

CSA Engineering
4645 E Cotton Center Blvd
Suite 169
Phoenix, AZ 85040

DRAFT
October 2006

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North Tonopah Southeast Planning Area Reclaimed Water Master Plan

DRAFT – October 2006

1.0 Introduction

For the purposes of this report, the North Tonopah Planning Area has been divided into three separate MAG 208 planning areas, West, Northeast and Southeast as shown in Figure 1. This Reclaimed Water Master Plan covers the distribution of reclaimed water to the North Tonopah's Southeast Planning Area (NTSEPA) from the Balterra Wastewater Treatment Plant (BWWTP) located in and serving the NTSEPA. The BWWTP can be seen in Figure 3 with Figure 4 showing the proposed on-site reuse system.

The NTSEPA encompasses an area of approximately 25 square miles. It is bounded on the south by Interstate-10, on the north by the Glendale Avenue alignment, on the east by 363rd Avenue and on the west by 419th Avenue.

Topography in the North Tonopah Planning Area slopes gradually from an USGS elevation of 1380 at the Central Arizona Project (CAP) canal to an elevation of 1100, north of I-10. Ground elevations within the Southeast Planning Area range from 1240 to 1100 feet.

The purpose of this Preliminary Reclaimed Water Master Plan is to:

- identify preliminary reclaimed water demands
- develop a preliminary schematic for the reclaimed water conveyance system
- establish implementation costs and phasing plan

As the Balterra area expands, the Area-wide Reclaimed Water Master Plan must be initiated and revised to meet the demands and to provide a sustainable source of water for the future.

2.0 Water Reuse

Water is a precious commodity in the arid regions of the southwestern United States. With water usage throughout the region continuously on a rise due to increased development, the need to conserve water becomes an important part of planning. Maricopa County has expressed a commitment to focus on reclaimed water reuse as part of a proactive approach in development planning.

Through the use of treated effluent for irrigation, the use of potable water resources is reduced. Water reuse options for the NTSEPA will include a combination of future use options such as water amenities for gateway entrances within a development, parks, open space landscaping, golf courses, schools, and other open space amenities.

The implementation of a reclaimed water system in public access areas first requires that the wastewater itself be treated to a level where it poses no health threat. This will require a tertiary water reclamation facility that will treat wastewater to ADEQ A+ effluent quality. Effluent from biological treatment will be filtered and disinfected to achieve these standards.

- Turbidity < 2 NTU (24-hr average)
< 5 NTU (single sample)
- Fecal Coliform Non-Detect (4 of 7 samples)
< 23/100mL (single sample)
- Nitrogen < 10 mg/L

It will also require the construction of pumping facilities, storage tanks and distribution mains. To take advantage of economies of scale, the construction of the reclaimed water system can be initiated during the construction of new water and sewer systems in the subdivision.

3.0 Phasing Plan

The reclaimed water system is planned in a phased approach that provides the financial flexibility to the developers in the service area. The phasing of the Reused Water System must be tied to the phasing of the WWTF which is in turn driven by development in the planning area. The initial phase of the WWTF is designed to treat approximately half a million gallons per day at full capacity. An initial distribution line will be installed along Indian School Road to serve the Saddle Mountain Unified School District No. 90 site, proposed development adjacent to the reclaimed waterline alignment and the Desert Whisper project. These sites are located approximately 3 to 4 miles east of the Balterra Wastewater Treatment Facility. The reclaimed waterline will be sized to deliver the required

irrigation flow over a period of approximately 8 hours, allowing for nighttime irrigation needs. Specific line sizes will be defined later, when demand levels and actual locations of irrigations sites can be determined.

As the service area expands, the BWWTF will undergo a phased expansion. The second phase treating more than a million gallons per day (mgd), expanding to nearly 2.5 mgd before reaching an ultimate potential regional capacity of approximately 15 mgd. This phased expansion will provide more reclaimed water available for reuse within the core of the Planning Area as the area develops. Water will be piped north to the Camelback Road alignment and will serve as the east-west main reuse transmission main. This will allow a more even distribution flow of the reclaimed water within the central section of the NTSPA.

The final expansion of the reuse distribution system will involve a series of smaller tertiary piping designed to service the far reaches of the Planning Area.

4.0 Irrigation Demands and Infrastructure Requirements

Irrigation demands for the entire NTSEPA were estimated in order to determine the irrigation needs within the planning area as shown in Table 1.

For the purposes of this master plan it was assumed that the proportions would remain constant throughout the NTSEPA. Approximately 1% of land is allocated as small, neighborhood parks, 3% to large parks and 2.4% to schools. Each type of irrigation area was further subdivided into turf and native landscaping, with neighborhood parks being 80% turf and 20% native, large parks being 60% turf and 40% native and schools being 25% turf and 25% native with the remaining 50% used for building structures. From these assumptions, an efficiency of 75% was added to the water balance to account for evaporation losses and run-off. Reclaim water demand for the NTSPA at full build out was approximately 7.5 MGD.

In the event that the Balterra WWTF becomes a regional treatment plant, its capacity should allow 100% of the area's large scale irrigation demands be met with reclaimed effluent, greatly reducing the planning area's demand on ground water resources.

Table 1: Reclaimed Water Demand

	Area (acres)		Water Demand (gallons)	
	Balterra	NTSEPA	Per Acre	Total
Total	1,111	15,081		
Small Park	11	143		
Large Park	34	458		
School	26	355		
Turf		477	12,310	5,875,729
Native Landscaping		300	5,430	1,630,400

Total Irrigation Demand 7.5 MG

In addition to the areas and demands outlined in Table 1, other usage could be implemented in the NTSEPA planning area in the future. The following category of sites could be included in future revisions of the Reclaimed Water Master Plan:

- golf courses
- ball fields and playgrounds
- streetscapes (median, islands and pedestrian sidewalks)
- designated natural open areas

The Reclaimed Water System will include a storage facility at the wastewater treatment facility. Since the peak effluent occurs during the daytime when irrigation demand is at its lowest. High irrigation demands typically occur between the hours of 10PM and 5AM, when public areas are closed. Typical guidelines for reclaimed water storage can be classified into 4 sub-types, as follows:

- Hourly operation of storage volume = difference between peak hour and max-day demands.
- Daily operational storage volume = difference between max-day and average day demand.
- Seasonal storage volume = sum of water volume where demand exceeds supply
- Annual storage volume = sum of water volume where supply exceeds demand

These considerations for storage sizing will be considered as each phase of the reclaimed water system is being introduced to match the overall master planned system. The consideration for Seasonal and Annual storage volumes will not be made part of the design criteria, as it would involve a large storage basin.

Pumping and transmission mains are typically sized to handle maximum day demand. Daily, seasonal, and annual storage volumes are typically provided at the treatment facility. In some cases, where the difference in supply and demand

exists, alternative reclamation techniques will be implemented at the treatment plant. This will include, but not limited to the use of percolation using recharge basins or vadose zone wells.

5.0 Phased Reclaimed Water Infrastructure

Phase I of the Reclaimed Waterline Project will involve the installation of a 12-inch waterline along Indian School Road. This reclaimed water line will be pressurized from the BWWTF. The reclaimed water will be used primarily at the Ruth Fisher School site and various large turf areas along the Indian School alignment.

As the areas outside the Balterra service area develops, phasing plans will be implemented and expand methodically. The timeline for other developments is not known at this time. It is conceivable that the system will have a main transmission main along Camelback Road to serve the central area of this planning area. The transmission main will be used to distribute water to all reaches of the Southeast Planning Area.

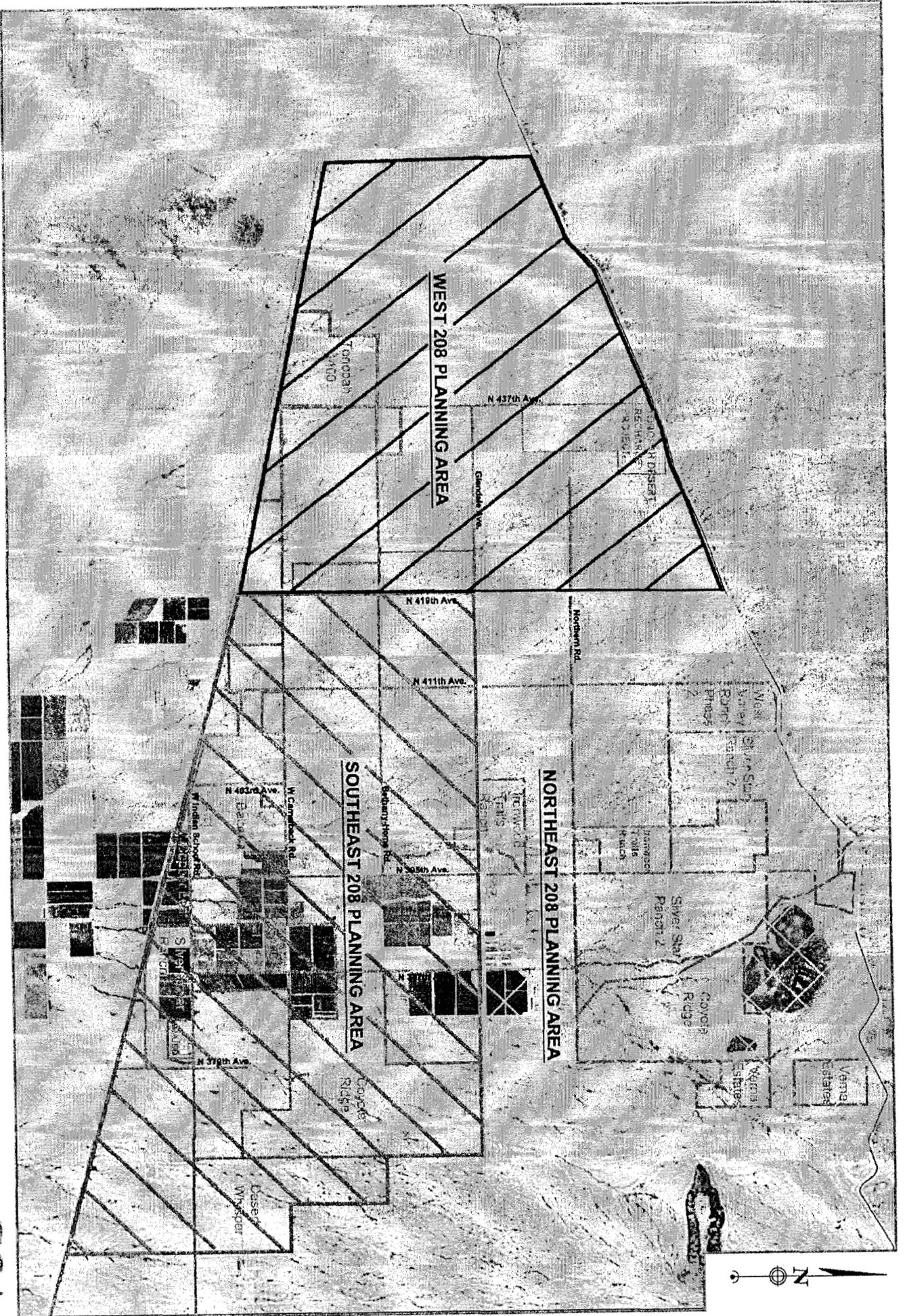
At full build out, the system will be extended to the north boundary line of the Southeast Planning Area. The entire system will be planned as one pressure zone ranging in static water pressures from 50 psi to 120 psi.

Figure 2 illustrates the phased layout of reclaimed water pipelines through the region.

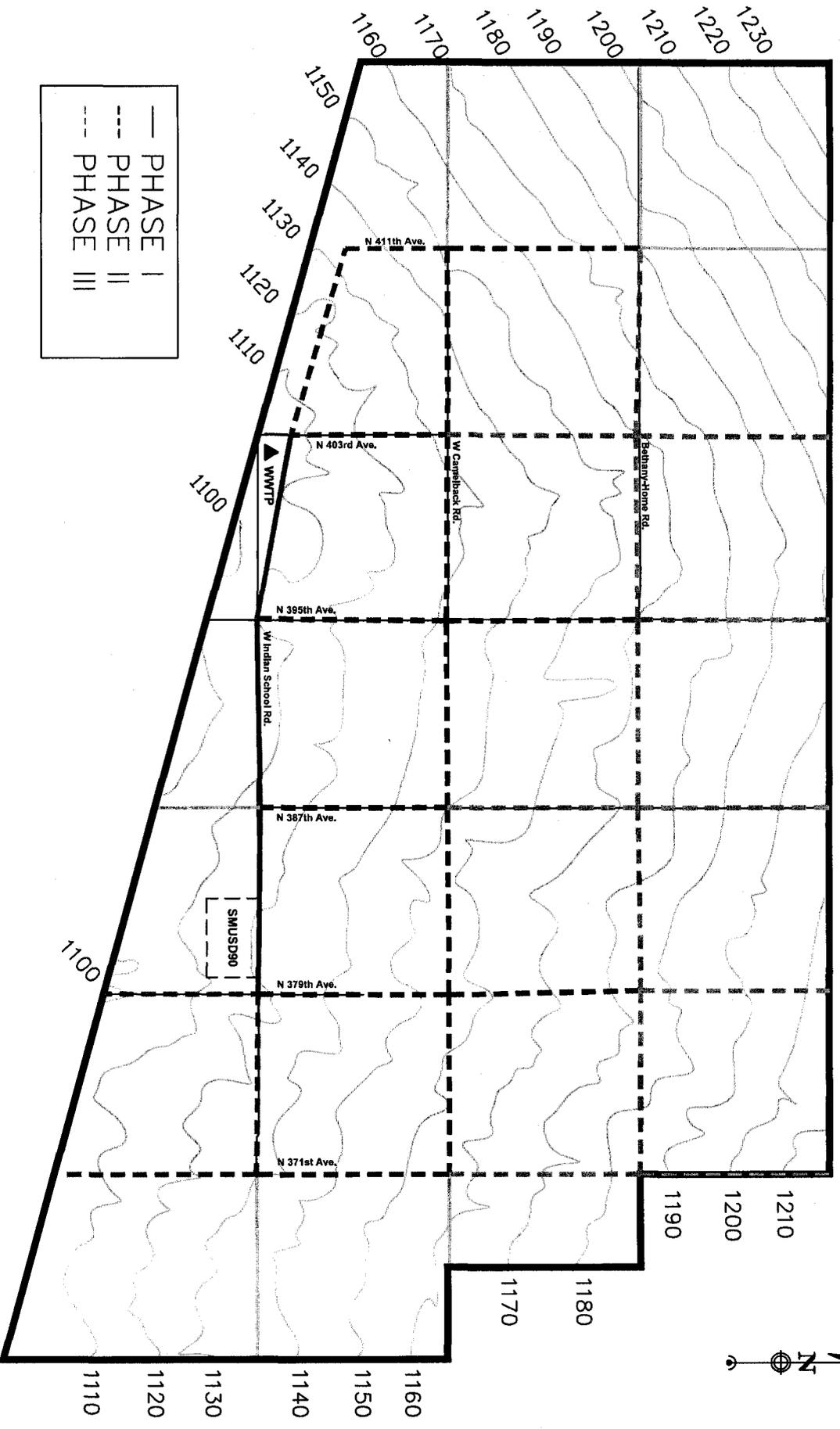
6.0 Summary & Cost Opinion

The implementation of Phase I of the Reclaimed Water System will cost approximately \$2.5 million. The costs between phases will vary due to the amount of infrastructure required to support landscape irrigation and the area designated by the County Planning Department for use as parks, open areas, school and playing fields. This will include an above ground reclaimed water storage tank, 12-inch reclaimed waterline, and booster pump station at the Balterra Wastewater Treatment Facility.

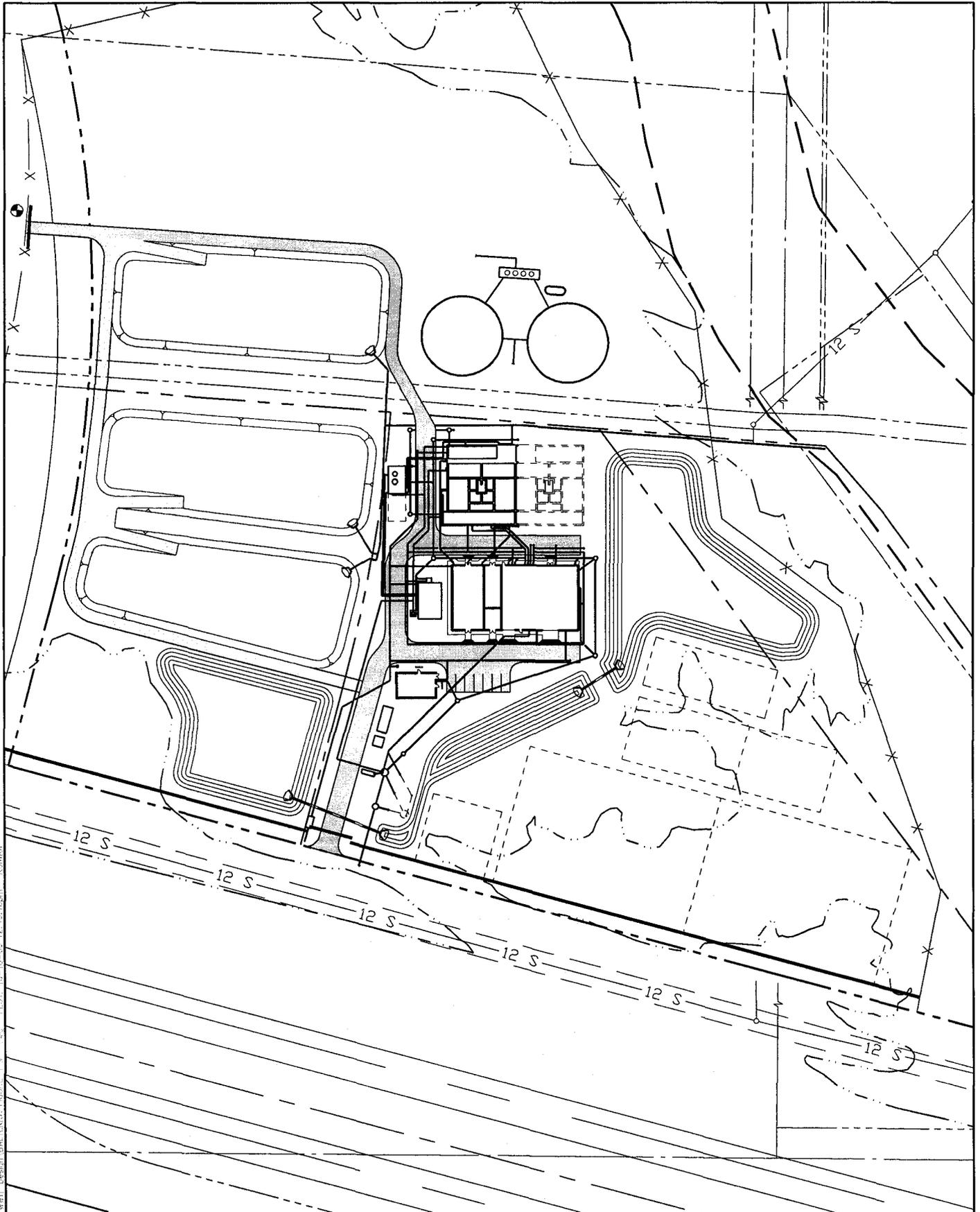
The 12-inch reclaimed waterline will be installed along Indian School Road. 8-inch reclaimed waterlines will be installed within reuse sites as needed to serve large turf irrigation areas, parks or school grounds.



NORTH TONOPAH SUB-PLANNING AREA

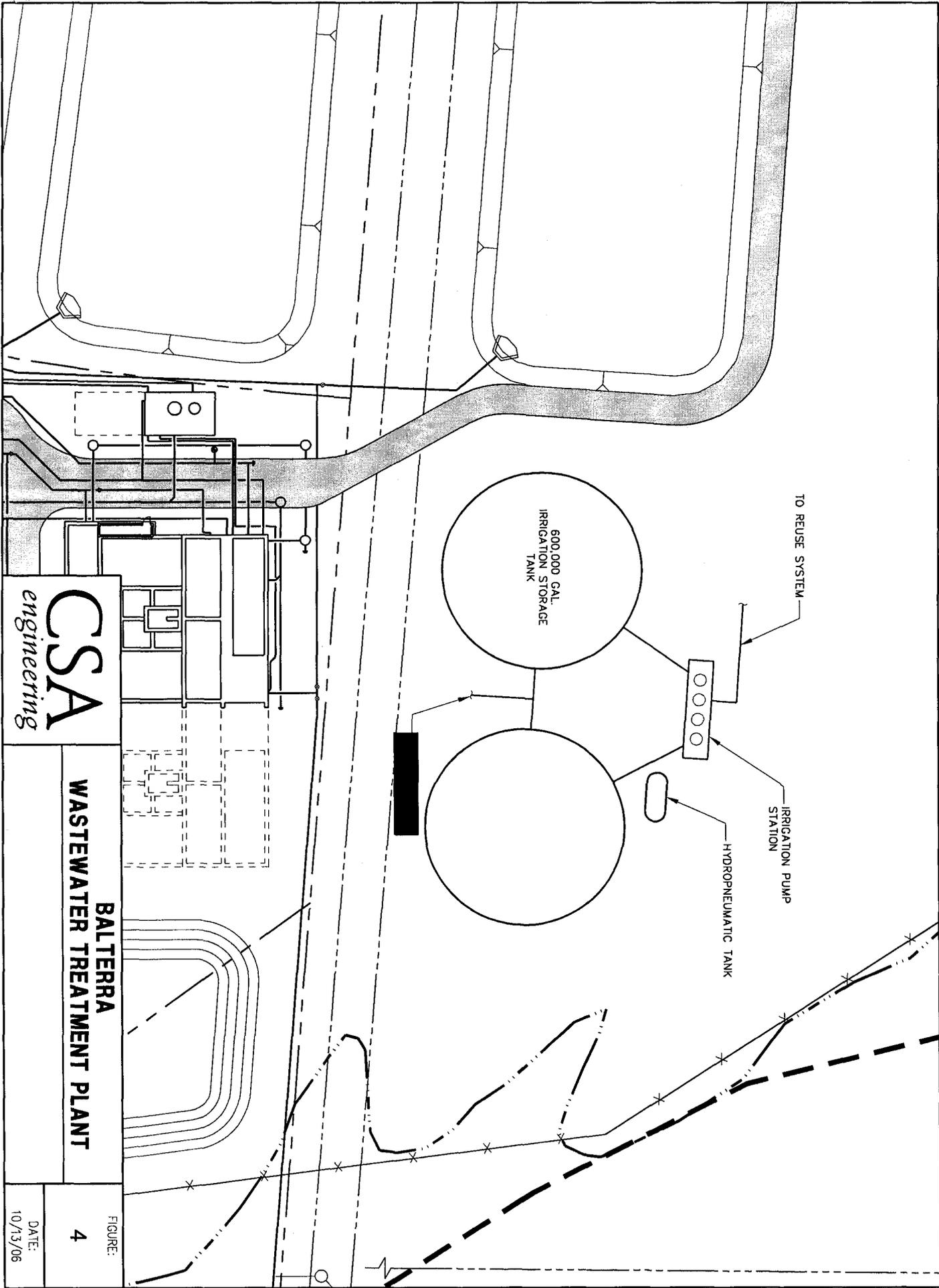


NORTH TONOPAH SOUTHEAST PLANNING AREA - RECLAIMED WATERLINE



P:\Buckeye\205160 Balterra\Balterra\Balterra.dwg FIGURE 3 8/13/06 12:45:13pm R5mhb

	BALTERRA WASTEWATER TREATMENT PLANT	FIGURE: 3
		DATE: 10/13/06



CSA
engineering

**BALTERRA
WASTEWATER TREATMENT PLANT**

FIGURE:

4

DATE:
10/13/06