

Tab 1

Metropolitan Water District of Salt Lake & Sandy
Board Packet
Last Update: February 15, 2023

Agenda Item: License Program Appeals

Objective: Outline Board Meeting procedure for appeals

Background: District Policies and Procedures Chapter 16 explains the appeal process for Applicants desiring to utilize the District's aqueduct corridors. Once an appeal has been elevated to the Board, the appeal is scheduled and the Applicant invited to attend. This document summarizes the appeal hearing.

Prior to Board Meeting:

1. Once an appeal is scheduled, staff prepares for the Board Packet background information consisting of a project background, summary of previous Board or Engineering Committee activity relating to the application, options for Board consideration, and a recommendation.
2. Upon approval of the background packet, the packet is forwarded to the Applicant with an invitation to attend the public meeting.

Board Meeting:

1. Staff presents a brief (3 – 5 minute) background on the appeal.
2. Staff answers questions from the Board.
3. The Chair invites the Applicant to briefly (3 – 5 minute) present their appeal.
4. Applicant answers questions from the Board.
5. Board deliberates. The Board may request additional detail of staff or the Applicant.
6. Chair calls for a motion.
7. Applicant is addressed with the result and noticed that staff will be in contact shortly.
8. District staff prepares a written response, on behalf of the Board Chair, addressed to Applicant detailing the Board decision.

Metropolitan Water District of Salt Lake & Sandy
Board Meeting Information
Last Update: May 13, 2024

Agenda Item: Consider appeal of Donald and Andrea Anthony

Objective: Consider appeal from Donald and Andrea Anthony seeking variance to P&P 16.

Background:

Donald and Andrea Anthony
Location: 10337 South 2505 East, Sandy
Stations: 1643+32
Corridor: Fee (Tract 411)

Donald and Andrea Anthony purchased their home in 2023. The District's property (fee simple) adjoining the lot has been used by agreement since 1981. The most recent agreement was signed in 2013 by Charlene Judd and renewed by Eric Hales in 2019. The agreement expired on August 5, 2023.

Policies and Procedures (P&P) Chapter 16-4.5 states

- 5) Agreement Renewal. At the end of the term of an Agreement, the Licensee may be required to remove the Encroachment or renew the Agreement, as is consistent with the then-existing policies and the District's rights.

As condition of renewal, the Anthonys were asked to remove playground equipment and an encroaching retaining wall (rock and concrete) that predated their purchase of the home, and that was not identified on previous agreement renewals.

P&P Chapter 16-7.4.a.iii states in part

- i) Retaining Walls. Except for District purposes, retaining walls shall not be permitted within District fee lands...

The Anthonys agreed to remove the playground equipment. On January 30, 2024 the District received a formal appeal asking to keep the retaining wall. The letter suggests three hardships:

Reasonable use: The District's agreement specifically disclaims warranty regarding the condition or fitness of the District's land for use by others.

Landscaping integrity: It is not the District's responsibility to manage runoff within areas that are licensed and landscaped by others. The agreement requires, upon expiration or termination, the Applicant to restore the District's property to its previous condition and grade.

Affordability: Staff concurs that removal of the wall and restoration of the landscaping, including appropriate grading is costly.

In considering alternatives, Mr. Anthony stated he would be willing to cut the retaining wall at the property line, allowing it to be fully removed in the future without damage to that portion of the wall not on the District's property. If this is acceptable, he would like some assurance the District would not immediately require removal of the wall.

In similar past situations, the District has permitted nonconforming uses by agreement for "(i) five years, renewable in five year increments to a maximum of fifteen years, (ii) until a change occurs in ownership (legal or equitable) of Applicant's property, or (iii) until District purposes require its removal, whichever occurs first." Staff is comfortable recommending the cut-at-the-property-line approach, and believe it satisfies the "District's goal ... to maintain Aqueduct Corridors in a manner that will serve the District's need to safely and efficiently accomplish its mission of reliably delivering water ..." (P&P 16-1.8).

Options: The board may

1. Grant a variance permitting the retaining wall, provided it is cut at the property line, and with the added agreement term language;
 - a. For 5 years, renewable in 5-year increments to a maximum of 15 years;
 - b. For 5 years, renewable in 5-year increments to a maximum of 25 years; or
 - c. For a period of time as determined appropriate by the board;
2. Deny a variance and require the encroaching portion of the retaining wall be removed.
3. Other options as considered by the board.

Committee Activity: The Engineering Committee discussed this item on April 23, 2024 and recommended Option 1a above. Following the Engineering Committee review of this appeal, Mr. Anthony expressed a desire to extend the retaining wall approval to include all subsequent renewals of the agreement, even those beyond 15 years. P&P 16-4.4 states "As to District fee lands, the GM has discretion to determine Agreement durations provided they do not exceed 25 years for a private person..." Insomuch as the wall will be cut at the property line and the District has the ability to remove the wall at any time for District purposes, staff is supportive of permitting renewals for up to 25 years by policy, or longer should the board determine it appropriate. Policy permits this agreement to be renewed to a maximum of 25 years. Staff will always side with policy, however sees no detrimental effects should the board choose to permit the wall for a longer period of time.

Recommendation: The Engineering Committee recommends granting a variance to Donald and Andrea Anthony to permit the retaining wall, provided it is cut at the property line, and added agreement term language: for 5 years, renewable in 5-year increments to a maximum of 25 years.

Attachment:

- Site Pictures
- Appeal letter

Property Location:



Site Pictures



(looking north)



(looking south)



(looking east toward District property)



January 30, 2024

Greetings Ammon,

I am writing to request that the rock wall on my property (**10337 S. 2505 E., Sandy, UT 84092**) be allowed to remain under the cooperative agreement between myself and the Metropolitan Water District of Salt Lake & Sandy, **Agreement No. S-12-1200**.

I purchased this property in March of 2023, at which time the rock wall in question was already in place. I do not know the date of the rock wall's construction, but I see no mention of any requirement to remove it in previous addendums to the district's agreement with prior owners. As a buyer, that left me in the unfortunate position of being wholly unaware of any encroachment issues between the district and the property I was purchasing. Had I known, I likely never would have purchased this property due to the exorbitant cost of what the district is asking.

One could reasonably assume that the prohibition of rock retaining walls is related to accessibility to the aqueduct itself and accessibility of heavy equipment to the corridor. I believe a review of my property will reveal that accessibility to both is maintained despite the presence of the wall. If you review the satellite composite that was included with the agreement as "Exhibit A," you will note that only a trivial portion of the wall actually encroaches on the aqueduct corridor. You will also note that a large break, measuring 13 feet at its most narrow point, exists between the two sections of the wall. Though not within the aqueduct corridor, it is worth noting that the large tree visible in your "Exhibit A" satellite composite has been removed; further enhancing corridor accessibility through the rock wall's center break.

I believe the requirement to remove the rock wall greatly inhibits my *reasonable use* of the property. The wall serves to maintain the integrity of the sloped landscape and assists with mitigating otherwise damaging runoff around my home's foundation. On a human level, I will add that I simply can not afford to do what you are asking; as the quotes I have received are quite prohibitively expensive if I wish to retain the beneficial effects of the existing wall. Therefore, I appeal that the addendum be modified to allow the wall to remain in place.

Regards,

Donald Anthony

Metropolitan Water District of Salt Lake & Sandy
Board Meeting Information
Last Update: May 13, 2024

Agenda Item: Consider approval of Resolution 1934 approving annexation of property

Background: Utah State Code §17B-1-415 describes how the District may annex properties through expansion of a retail provider (i.e., expansion of a member city). The process includes the District adopting an annexation resolution, then filing a notice of impending boundary action with the lieutenant governor. A public hearing is not required.

Sandy City recently annexed ten properties with the Middle Deer Hollow Annexation and five properties in the Olsen Farms Annexation. These properties are identified in yellow on the attached draft annexation plats. All 15 properties receive water from Sandy City Public Utilities.

Committee Activity: The Engineering Committee discussed this annexation on April 23, 2024 and recommended adoption of Resolution 1934 by the full board.

Recommendation: Approval of Resolution 1934 approving annexation of 15 properties into the District.

Attachments:

1. Resolution 1934
2. Middle Deer Hollow Annexation Plat
3. Olsen Farms Annexation Plat

METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

RESOLUTION NO. 1934

A RESOLUTION APPROVING ANNEXATION OF PROPERTY

(Property within Sandy City receiving retail water service from Sandy City)

WHEREAS, this District provides wholesale supplemental water to its member cities, Salt Lake City and Sandy City; and

WHEREAS, prior to April 30, 2001, any property annexed into a member city of this District was automatically annexed into this District; and

WHEREAS, after April 30, 2001, this District must take affirmative steps described in Utah Code Title 17B, Chapter 1, Part 4 to annex properties into this District; and

WHEREAS, Utah Code Section 17B-1-415 authorizes the annexation of properties that are annexed into a member city of this District when those properties receive retail water service from a member city of this District; and

WHEREAS, the property described in Exhibit A to this Resolution has been annexed into Sandy City and receives retail water from Sandy City:

NOW, THEREFORE, it is hereby **RESOLVED** by the Board of Trustees of the Metropolitan Water District of Salt Lake & Sandy that the property described in Exhibit A attached to this Resolution is hereby annexed into the Metropolitan Water District of Salt Lake & Sandy, effective upon certification as required by applicable statute.

This **RESOLUTION** was duly adopted by the Board of Trustees of the Metropolitan Water District of Salt Lake & Sandy at a meeting duly noticed and held on the 20 day of May 2024.

Tom Godfrey
Chair of the Board of Trustees

Exhibit A to Resolution No. 1934

Olsen Farm Annexation Description

THAT PORTION OF LAND INCORPORATED INTO SANDY CITY AS DEPICTED ON THAT CERTAIN FINAL LOCAL ENTITY PLAT PREPARED BY MERIDIAN ENGINEERING INC., AND RECORDED IN THAT CERTAIN CERTIFICATE OF ANNEXATION DATED JANUARY 16, 2024, AS ENTRY NUMBER 14194388, IN BOOK 11466, AT PAGE 3753, IN THE OFFICE OF THE RECORDER, SALT LAKE COUNTY, UTAH, SAID PORTION OF LAND BEING LOCATED IN THE NORTHWEST 1/4 OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE MERIDIAN, SALT LAKE COUNTY, STATE OF UTAH, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SECTION LINE, SAID POINT IS NORTH 89°02'20" EAST ALONG THE SECTION LINE A DISTANCE 1,374.18 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 14; AND RUNNING THENCE NORTH 89°02'20" EAST A DISTANCE OF 25.23 FEET; THENCE NORTH 89°02'20" EAST A DISTANCE OF 797.66 FEET; THENCE CONTINUING ALONG SAID SECTION LINE NORTH 89°02'20" EAST A DISTANCE OF 48.30 FEET TO THE BEGINNING OF A 922.70 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, SAID POINT IS ALSO THE NORTHWEST CORNER OF PROPERTY DESCRIBED IN THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 14112602 IN BOOK 11423 AT PAGE 820 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTHERLY ALONG SAID CURVE, AND THE WESTERLY LINE OF SAID WARRANTY DEED A DISTANCE OF 167.39 FEET (167.50 FEET BY RECORD) THROUGH A CENTRAL ANGLE OF 10°23'39" (CHORD BEARS SOUTH 04°53'40" WEST A DISTANCE OF 167.16 FEET) TO THE SOUTHWEST CORNER OF SAID WARRANTY DEED, AND THE NORTH LINE OF PROPERTY DESCRIBED IN THAT CERTAIN QUIT CLAIM DEED RECORDED AS ENTRY NO. 6278763 IN BOOK 7328 AT PAGE 2652 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG SAID QUIT CLAIM DEED THE FOLLOWING TWO (2) COURSES: 1) SOUTH 85°25'20" WEST (SOUTH 86°23'00" WEST (BY RECORD) A DISTANCE OF 47.65 FEET AND 2) SOUTH 02°59'40" EAST (SOUTH 02°02'00" WEST BY RECORD) A DISTANCE OF 120.90 FEET; THENCE SOUTH 02°59'40" EAST 202.17 FEET TO A POINT IN THE WESTERLY EXTENSION OF THE SOUTHERLY BOUNDARY LINE OF TIMBERLINE ESTATES RECORDED AS ENTRY NO. 12861913 IN BOOK 2018P AT PAGE 344 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG SAID EXTENSION SOUTH 89°02'14" WEST (SOUTH 88°57'52" WEST BY RECORD) A DISTANCE OF 22.14 FEET TO A POINT IN AN EXISTING FENCE LINE, SAID POINT IS ALSO IN THE WESTERLY RIGHT OF WAY OF DIMPLE DELL ROAD; THENCE ALONG SAID EXISTING FENCE AND WESTERLY RIGHT OF WAY THE FOLLOWING THREE (3) COURSES: 1) NORTH 03°48'56" WEST A DISTANCE OF 48.55 FEET, 2) NORTH 02°47'07" WEST A DISTANCE OF 92.87 FEET AND 3) NORTH 01°52'43" WEST A DISTANCE OF 18.05 FEET TO THE NORTH LINE OF THAT CERTAIN SPECIAL WARRANTY DEED RECORDED AS ENTRY NO. 10789601 IN BOOK 9759 AT PAGE 9726 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTH 89°02'20" WEST ALONG SAID NORTH LINE A DISTANCE OF 185.38 FEET TO THE NORTHWEST CORNER THEREOF; THENCE SOUTH 11°09'00" WEST ALONG THE WEST LINE OF SAID SPECIAL WARRANTY DEED, AND THE WEST LINE OF THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 5418041 BOOK 6591 AT PAGE 684 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER AND THAT CERTAIN SPECIAL WARRANTY DEED RECORDED AS ENTRY NO. 12683339 IN BOOK 10631 AT PAGE 5161 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER A DISTANCE OF 308.01 FEET TO THE NORTH LINE OF THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 7854204 IN BOOK 8438 AT PAGE 5047 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTH 89°02'20" WEST ALONG SAID NORTH LINE A DISTANCE OF 551.20 FEET (551.25 FEET BY RECORD); THENCE THE FOLLOWING THREE (3) COURSES: 1) NORTH 04°22'52" WEST (NORTH 01°40'00" WEST BY RECORD) A DISTANCE OF 84.48 FEET (83.10 FEET BY RECORD), 2) NORTH

74°14'40" WEST (NORTH 73°17'00" WEST BY RECORD) A DISTANCE OF 101.71 FEET (103.30 FEET BY RECORD), AND 3) NORTH 11°20'02" EAST (NORTH 10°25'00" EAST BY RECORD), A DISTANCE OF 532.59 FEET (530.70 FEET BY RECORD) TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED TRACT OF LAND CONTAINS 11.17 ACRES, MORE OR LESS.

Middle Deer Hollow Annexation Description

THAT PORTION OF LAND INCORPORATED INTO SANDY CITY AS DEPICTED ON THAT CERTAIN FINAL LOCAL ENTITY PLAT PREPARED BY MERIDIAN ENGINEERING, INC., AND RECORDED IN THAT CERTAIN CERTIFICATE OF ANNEXATION DATED NOVEMBER 8, 2023, AS ENTRY NUMBER 14172986, IN BOOK 11455, AT PAGE 5124, IN THE OFFICE OF THE RECORDER, SALT LAKE COUNTY, UTAH, SAID PORTION OF LAND BEING LOCATED IN THE NORTHEAST AND SOUTHEAST ONE-QUARTERS OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE MERIDIAN, SALT LAKE COUNTY, STATE OF UTAH, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE WESTERLY CORNER OF LOT 2 OF THE HUNTSMAN PLAT A RECORDED AS ENTRY NO. 2559174 IN BOOK 73-8 AT PAGE 52 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER, SAID POINT IS 221.585 FEET EAST AND 2810.917 FEET SOUTH TO THE NORTHWEST CORNER OF LOT 1 OF SAID THE HUNTSMAN PLAT A SUBDIVISION AND 284.90 FEET N.48°12'10"E. ALONG THE NORTHWESTERLY LINE OF SAID LOT 1 FROM THE NORTH QUARTER CORNER OF SAID SECTION 14 (BASIS OF BEARING IS S.89°02'20"W. ALONG THE SECTION LINE BETWEEN THE FOUND MONUMENTS REPRESENTING THE NORTH QUARTER CORNER AND THE NORTHWEST CORNER OF SAID SECTION 14); AND RUNNING THENCE ALONG THE NORTHWESTERLY LINE OF SAID LOT 2 N.48°12'10"E. 115.10 FEET TO THE SOUTHERLY CORNER OF LOT 49 OF SEVEN SPRINGS SUBDIVISION RECORDED AS ENTRY NO. 3231776 IN BOOK 79-2 AT PAGE 39 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; AND RUNNING THENCE THE FOLLOWING EIGHT (8) COURSES: 1) N.48°12'10"E. 13.00 FEET TO THE BEGINNING OF A 459.38 FOOT RADIUS CURVE TO THE LEFT, 2) NORTHEASTERLY ALONG THE ARC OF SAID CURVE 79.80 FEET THROUGH A CENTRAL ANGLE OF 09°57'10" (NOTE: CHORD FOR SAID CURVE BEARS N.43°13'35"E. FOR A DISTANCE OF 79.70 FEET), 3) N.38°15'00"E. 213.00 FEET TO THE BEGINNING OF A 519.11 FOOT RADIUS CURVE TO THE RIGHT, 4) NORTHEASTERLY ALONG THE ARC OF SAID CURVE 97.40 FEET THROUGH A CENTRAL ANGLE OF 10°45'00" (NOTE: CHORD FOR SAID CURVE BEARS N.43°37'30"E. FOR A DISTANCE OF 97.26 FEET), 5) S.41°00'00"E. 319.00 FEET, 6) N.46°00'00"E. 157.99 FEET, 7) S.18°00'00"E. 460.00 FEET AND 8) S.52°01'00"E. 250.00 FEET TO THE EASTERLY CORNER OF LOT 9 OF SAID THE HUNTSMAN PLAT A SUBDIVISION AND IN THE CENTERLINE OF WASATCH BOULEVARD; THENCE S.37°59'00"W. 465.00 FEET TO THE SOUTHERLY CORNER OF LOT 4 OF SAID THE HUNTSMAN PLAT A SUBDIVISION; THENCE ALONG THE SOUTHWESTERLY LINE OF SAID LOT 4 THE FOLLOWING TWO (2) COURSES: 1) N.52°01'00"W. 237.00 FEET AND 2) N.24°31'00"W. 74.03 FEET TO THE WESTERLY CORNER OF SAID LOT 4 AND THE SOUTHERLY CORNER OF PROPERTY DESCRIBED IN QUIT CLAIM DEED IN FAVOR OF CHRISTINE DANTE RECORDED AS ENTRY NO. 10826538 IN BOOK 9774 AT PAGE 7053 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE SOUTHWESTERLY BOUNDARY OF SAID DESCRIBED PROPERTY THE FOLLOW TWO (2) COURSES: 1) N.74°00'00"W. 153.81 FEET AND 2) N.01°48'35"E. 20.19 FEET TO THE NORTHWESTERLY CORNER OF SAID DESCRIBED PROPERTY, SAID POINT IS ALSO THE SOUTHWEST CORNER OF PROPERTY DESCRIBED IN SPECIAL WARRANTY DEED IN FAVOR OF MEL S. MARTIN AND PAULA B. MARTIN, TRUSTEES OF THE MEL S. AND PAULA B. MARTIN TRUST RECORDED AS ENTRY NO. 12627481 IN BOOK 10604 AT PAGE 3850 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE WESTERLY BOUNDARY OF SAID DESCRIBED PROPERTY N.01°48'35"E. 187.38

FEET TO A POINT IN THE SOUTHERLY LINE OF SAID LOT 2 OF THE HUNTSMAN PLAT A SUBDIVISION S, AID POINT IS ALSO THE SOUTHERLY CORNER OF PROPERTY DESCRIBED IN QUIT CLAIM DEED IN FAVOR OF MARINETTE WAGNER, TRUSTEE OF THE MARINETTE WAGNER REVOCABLE TRUST RECORDED AS ENTRY NO. 8032414 IN BOOK 8512 AT PAGE 4049 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE SOUTHERLY BOUNDARY OF SAID DESCRIBED PROPERTY N.77°30'00"W. 188.37 FEET TO A NORTHEASTERLY CORNER OF LOT 1 OF HIDDEN RIDGE SUBDIVISION RECORDED AS ENTRY NO. 4845346 IN BOOK 89-11 AT PAGE 107 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER, SAID POINT IS ALSO IN THE WESTERLY LINE OF SAID LOT 2 OF THE HUNTSMAN PLAT A SUBDIVISION; THENCE N.41°47'50"W. 10.00 FEET TO THE EASTERLY CORNER OF LOT 1 OF SAID THE HUNTSMAN PLAT A SUBDIVISION; THENCE N.41°47'50"W. 263.49 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 11.60 ACRES IN AREA, MORE OR LESS.

FINAL LOCAL ENTITY PLAT MIDDLE DEER HOLLOW ANNEXATION TO METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

SITUATED IN THE NORTHEAST 1/4 AND SOUTHEAST 1/4 OF SECTION 14,
TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN,
SALT LAKE COUNTY, STATE OF UTAH
MARCH 2024

SURVEYOR'S CERTIFICATE

I, MICHAEL R. FALLERT, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, HOLDING CERTIFICATE NUMBER 1282817-2201, AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT A FINAL LOCAL ENTITY PLAT, IN ACCORDANCE WITH SECTION 17-23-20, WAS MADE BY ME OR UNDER MY DIRECTION AND SHOWN HEREON IS TRUE AND CORRECT REPRESENTATION OF SAID FINAL LOCAL ENTITY PLAT.



Michael R. Fallert
PLS NO. 1282817-2201

3/20/24
DATE

ANNEXATION DESCRIPTION

THAT PORTION OF LAND INCORPORATED INTO SANDY CITY AS DEPICTED ON THAT CERTAIN FINAL LOCAL ENTITY PLAT PREPARED BY MERIDIAN ENGINEERING, INC., AND RECORDED IN THAT CERTAIN CERTIFICATE OF ANNEXATION DATED NOVEMBER 8, 2023, AS ENTRY NUMBER 14172886, IN BOOK 11456, AT PAGE 5124, IN THE OFFICE OF THE RECORDER, SALT LAKE COUNTY, UTAH, SAID PORTION OF LAND BEING LOCATED IN THE NORTHEAST AND SOUTHWEST ONE-QUARTERS OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE MERIDIAN, SALT LAKE COUNTY, STATE OF UTAH, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE WESTERLY CORNER OF LOT 2 OF THE HUNTSMAN PLAT A RECORDED AS ENTRY NO. 2559174 IN BOOK 73-8 AT PAGE 52 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER, SAID POINT IS 221.585 FEET EAST AND 2810.917 FEET SOUTH TO THE NORTHWEST CORNER OF LOT 1 OF SAID THE HUNTSMAN PLAT A SUBDIVISION AND 284.90 FEET N 48°12'10"E. ALONG THE NORTHWESTERLY LINE OF SAID LOT 1 FROM THE NORTH QUARTER CORNER OF SAID SECTION 14 (BASIS OF BEARING IS S 89°02'20"W. ALONG THE SECTION LINE BETWEEN THE FOUND MONUMENTS REPRESENTING THE NORTH QUARTER CORNER AND THE NORTHWEST CORNER OF SAID SECTION 14); AND RUNNING THENCE ALONG THE NORTHWESTERLY LINE OF SAID LOT 2 N 48°12'10"E. 115.10 FEET TO THE SOUTHERLY CORNER OF LOT 4 OF SEVEN SPRINGS SUBDIVISION RECORDED AS ENTRY NO. 3231776 IN BOOK 79-2 AT PAGE 39 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; AND RUNNING THENCE THENCE TO THE FOLLOWING EIGHT (8) COURSES: 1) N 48°12'10"E. 13.00 FEET TO THE BEGINNING OF A 459.38 FOOT RADIUS CURVE TO THE LEFT, 2) NORTHEASTERLY ALONG THE ARC OF SAID CURVE 79.80 FEET THROUGH A CENTRAL ANGLE OF 09°57'10" (NOTE: CHORD FOR SAID CURVE BEARS N 43°13'35"E. FOR A DISTANCE OF 79.70 FEET); 3) N 38°15'00"W. 213.00 FEET TO THE BEGINNING OF A 519.11 FOOT RADIUS CURVE TO THE RIGHT; 4) NORTHEASTERLY ALONG THE ARC OF SAID CURVE 97.40 FEET THROUGH A CENTRAL ANGLE OF 10°45'00" (NOTE: CHORD FOR SAID CURVE BEARS N 43°37'30"E. FOR A DISTANCE OF 97.28 FEET); 5) S 41°00'00"E. 319.00 FEET; 6) N 48°00'00"E. 157.99 FEET; 7) S 18°00'00"E. 460.00 FEET AND 8) S 52°01'00"E. 290.00 FEET TO THE EASTERLY CORNER OF LOT 9 OF SAID THE HUNTSMAN PLAT A SUBDIVISION AND IN THE CENTERLINE OF WASATCH BOULEVARD; THENCE S 37°59'00"W. 465.00 FEET TO THE SOUTHERLY CORNER OF LOT 4 OF SAID THE HUNTSMAN PLAT A SUBDIVISION; THENCE ALONG THE SOUTHWESTERLY LINE OF SAID LOT 4 THE FOLLOWING TWO (2) COURSES: 1) N 52°01'00"W. 237.00 FEET AND 2) N 24°31'00"W. 74.03 FEET TO THE WESTERLY CORNER OF SAID LOT 4 AND THE SOUTHERLY CORNER OF PROPERTY DESCRIBED IN QUIT CLAIM DEED IN FAVOR OF CHRISTINE DANTE RECORDED AS ENTRY NO. 1082638 IN BOOK 0774 AT PAGE 7063 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE SOUTHWESTERLY BOUNDARY OF SAID DESCRIBED PROPERTY THE FOLLOWING TWO (2) COURSES: 1) N 7°00'00"W. 163.81 FEET AND 2) N 01°48'35"E. 20.19 FEET TO THE NORTHWESTERLY CORNER OF SAID DESCRIBED PROPERTY, SAID POINT IS ALSO THE SOUTHWEST CORNER OF PROPERTY DESCRIBED IN SPECIAL WARRANTY DEED IN FAVOR OF MEL S. MARTIN AND PAULA B. MARTIN, TRUSTEES OF THE MEL S. AND PAULA B. MARTIN TRUST RECORDED AS ENTRY NO. 12827491 IN BOOK 10064 AT PAGE 3859 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE WESTERLY BOUNDARY OF SAID DESCRIBED PROPERTY N 01°48'35"E. 187.38 FEET TO A POINT IN THE SOUTHERLY LINE OF SAID LOT 2 OF THE HUNTSMAN PLAT A SUBDIVISION, SAID POINT IS ALSO THE SOUTHERLY CORNER OF PROPERTY DESCRIBED IN QUIT CLAIM DEED IN FAVOR OF MARINETTE WAGNER, TRUSTEE OF THE MARINETTE WAGNER REVOCABLE TRUST RECORDED AS ENTRY NO. 8032414 IN BOOK 8512 AT PAGE 4049 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG THE SOUTHERLY BOUNDARY OF SAID DESCRIBED PROPERTY N 77°30'00"W. 188.37 FEET TO A NORTHEASTERLY CORNER OF LOT 1 OF HIDDEN RIDGE SUBDIVISION RECORDED AS ENTRY NO. 4845346 IN BOOK 89-11 AT PAGE 107 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER, SAID POINT IS ALSO IN THE WESTERLY LINE OF SAID LOT 2 OF THE HUNTSMAN PLAT A SUBDIVISION; THENCE N 41°47'50"W. 10.00 FEET TO THE EASTERLY CORNER OF LOT 1 OF SAID THE HUNTSMAN PLAT A SUBDIVISION; THENCE N 41°47'50"W. 263.49 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 11.60 ACRES IN AREA, MORE OR LESS.

SURVEYOR'S NARRATIVE

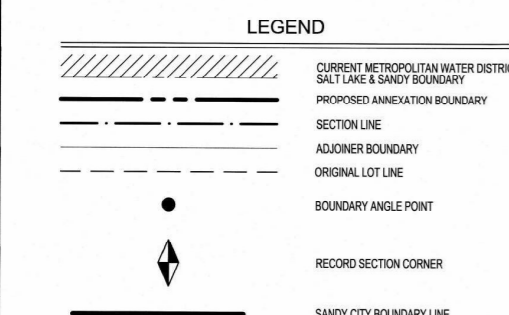
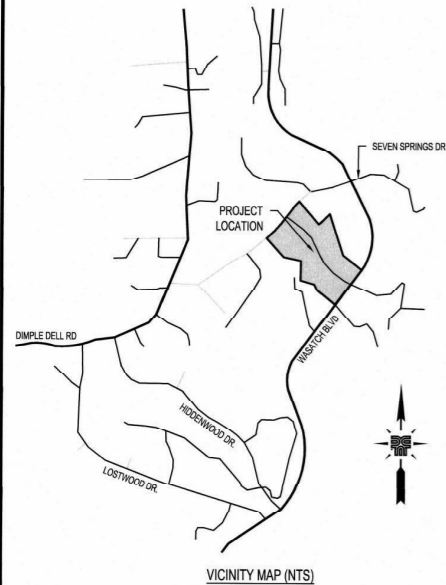
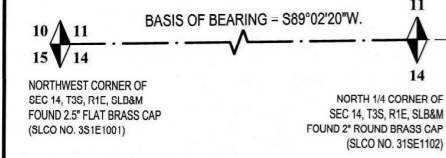
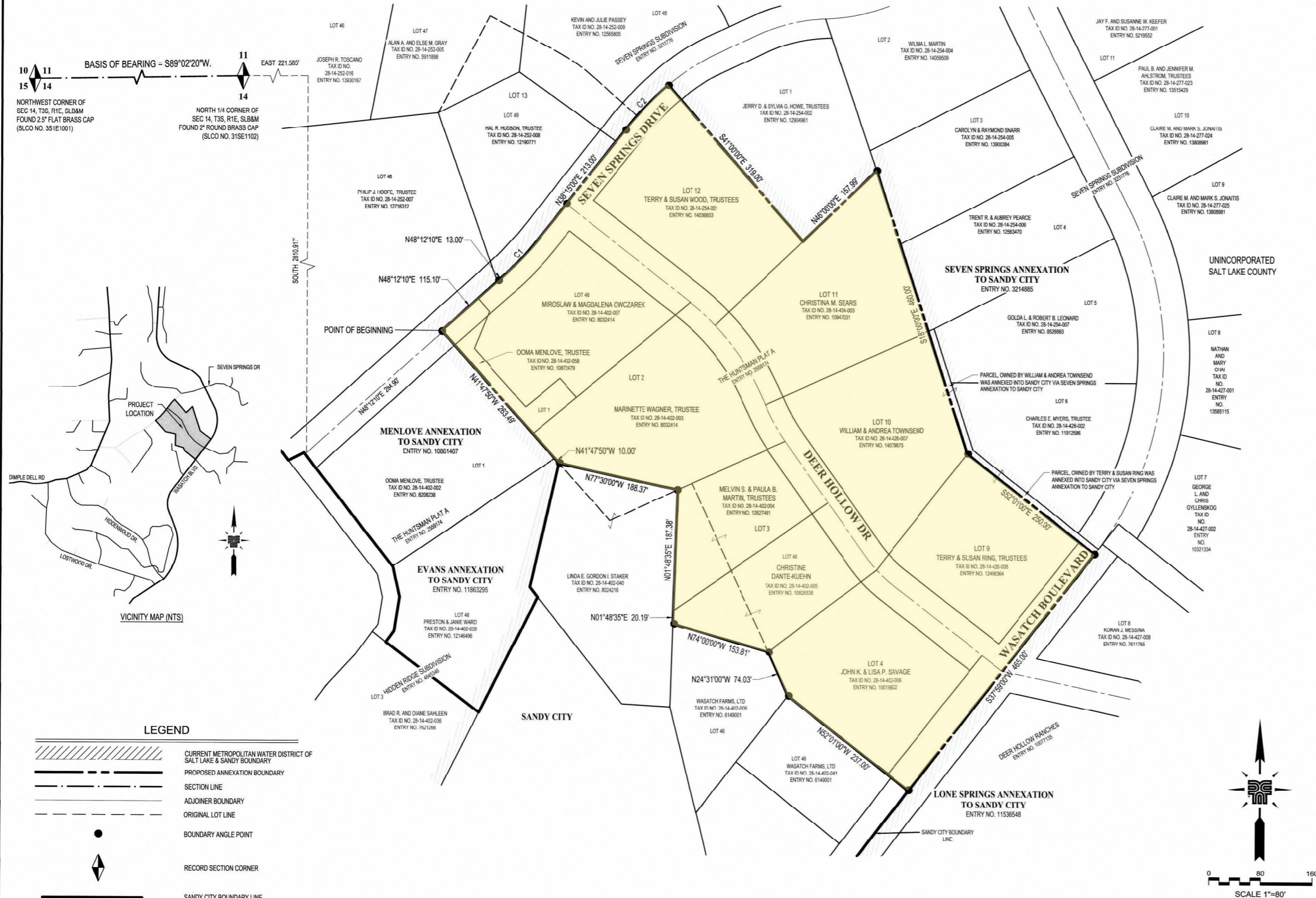
IT IS THE INTENT OF THIS PLAT AND THE SURVEY ON WHICH IT IS BASED TO CORRECTLY REPRESENT THE ADJUSTMENT OF THE METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY BOUNDARY AS DESCRIBED HEREON, AS REQUESTED. THE BASIS OF BEARING FOR THIS SURVEY IS S 89°02'20"W. ALONG THE SECTION LINE BETWEEN THE RECORD MONUMENTS REPRESENTING THE NORTH WEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN.

AS PART OF THIS SURVEY, DAVID EVANS AND ASSOCIATES HAS NOT CONDUCTED ANY FIELD VERIFICATION OF MONUMENTS. RECORD SEARCHES FOR FILED DOCUMENTATION IS REPRESENTED HEREON. DOCUMENTS OF RECORD REVIEWED AND CONSIDERED AS PART OF THIS SURVEY ARE NOTED BELOW. THERE MAY EXIST OTHER EVIDENCE, MONUMENTATION AND DOCUMENTS THAT COULD AFFECT THIS SURVEY. NEW EVIDENCE, MONUMENTATION OR DOCUMENTS THAT MAY ALTER THE CONCLUSIONS OF THIS SURVEY SHOULD BE PRESENTED TO THE SURVEYOR FOR HIS REVIEW AND CONSIDERATION. THIS MAP AND RESEARCH DOES NOT CONSTITUTE A BOUNDARY SURVEY OF SAID PROPERTY.

- (1) THE HUNTSMAN PLAT A; ENTRY NO. 2559174 IN BOOK 73-8 AT PAGE 52.
- (2) SEVEN SPRINGS; ENTRY NO. 3231776 IN BOOK 79-2 AT PAGE 39.
- (3) EXTENSION OF SANDY CITY LIMITS; ENTRY NO. 3214005 IN BOOK 78-12 AT PAGE 333.
- (4) MENLOVE ANNEXATION TO SANDY CITY; ENTRY NO. 10861407 IN BOOK 2009P AT PAGE 185.
- (5) LONE SPRINGS ANNEXATION TO SANDY CITY; 2012P AT PAGE 205.
- (6) EVANS ANNEXATION TO SANDY CITY; ENTRY NO. 11863295 2014P AT PAGE 134.
- (7) HIDDEN RIDGE SUBDIVISION; ENTRY NO. 4845346 BOOK 89-11 AT PAGE 107.
- (8) SALT LAKE COUNTY SURVEYOR'S AREA REFERENCE PLAT FOR SECTION 14, T3S, R1E, S18BM.
- (9) RECORD DESCRIPTIONS OF ADJOINING PARCELS SHOWN HEREON AS RESEARCHED WITHIN THE OFFICE OF THE SALT LAKE COUNTY RECORDER.

FINAL LOCAL ENTITY PLAT MIDDLE DEER HOLLOW ANNEXATION TO METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

SITUATED IN THE NORTHEAST 1/4 AND SOUTHEAST 1/4 OF SECTION 14,
TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN,
UNINCORPORATED SALT LAKE COUNTY, STATE OF UTAH



CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	459.38'	09°57'10"	79.80'	N43°13'35"E	79.70'
C2	519.11'	10°45'00"	97.40'	S43°37'30"W	97.26'

PREPARED BY:

DAVID EVANS AND ASSOCIATES INC.
10701 South River Front Parkway Suite 125
South Jordan, UT 84095
Phone: 385.955.2850

**METROPOLITAN WATER DISTRICT
OF SALT LAKE & SANDY**

APPROVED THIS ___ DAY OF ___ A.D. 2024

GENERAL MANAGER _____ DATE _____

LOCAL ENTITIES:

ANNEXATION INTO: METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

SALT LAKE COUNTY SURVEYOR

APPROVED THIS ___ DAY OF ___ A.D. 2024 BY THE SALT LAKE COUNTY SURVEYOR AS A FINAL LOCAL ENTITY PLAT, PURSUANT TO SECTION 17-23-20 OF UTAH STATE CODE.

SALT LAKE COUNTY SURVEYOR _____

SALT LAKE COUNTY RECORDER

RECORDED AND FILED AT THE REQUEST OF _____
RECORDED AS ENTRY NUMBER _____

DATE: _____ TIME: _____ BOOK: _____

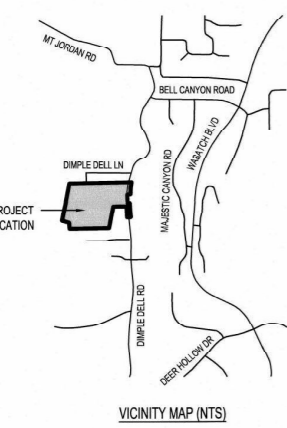
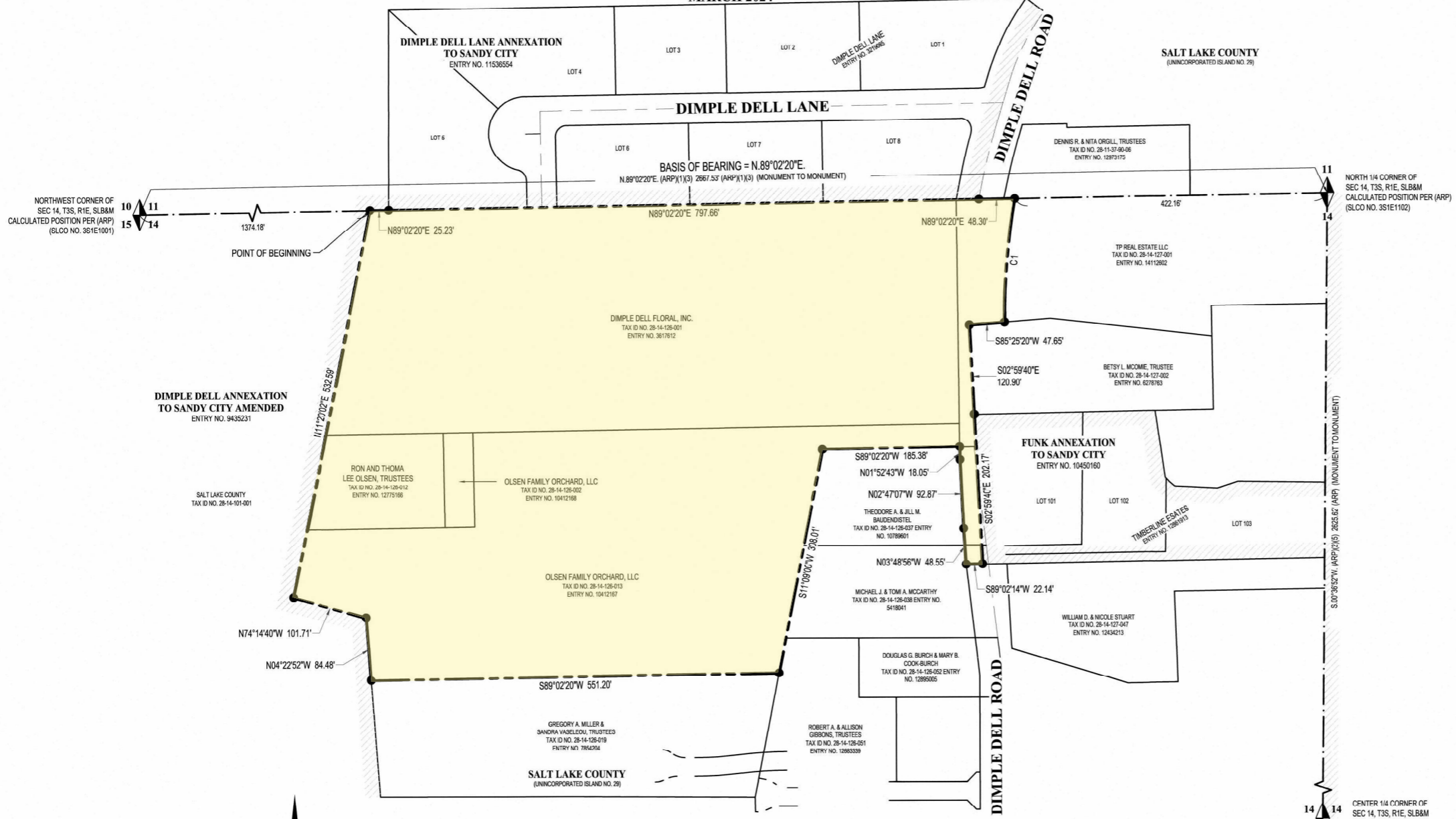
FEES \$ _____ DEPUTY SALT LAKE COUNTY RECORDER _____

PROJECT NO.
MWSL 00000004

SHEET NO.
1 OF 1

FINAL LOCAL ENTITY PLAT OLSEN FARM ANNEXATION TO METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

SITUATED IN THE NORTHWEST 1/4 OF SECTION 14,
TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN,
SALT LAKE COUNTY, STATE OF UTAH
MARCH 2024



LEGEND

	CURRENT METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY
	PROPOSED ANNEXATION BOUNDARY
	SECTION LINE
	ADJOINER BOUNDARY
	BOUNDARY ANGLE POINT
	SECTION CORNER

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	922.70'	10°23'39"	167.39'	S04°53'40"W	167.16'

SURVEYOR'S CERTIFICATE

I, MICHAEL R. FALLERT, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, HOLDING CERTIFICATE NUMBER 1282817-2201, AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT A FINAL LOCAL ENTITY PLAT, IN ACCORDANCE WITH SECTION 17-23-20, WAS MADE BY ME OR UNDER MY DIRECTION AND SHOWN HEREON IS TRUE AND CORRECT REPRESENTATION OF SAID FINAL LOCAL ENTITY PLAT.



Michael R. Fallert 3/20/24
MICHAEL R. FALLERT PLS NO. 1282817-2201 DATE:

ANNEXATION DESCRIPTION

THAT PORTION OF LAND INCORPORATED INTO SANDY CITY AS DEPICTED ON THAT CERTAIN FINAL LOCAL ENTITY PLAT PREPARED BY MERIDIAN ENGINEERING, INC., AND RECORDED IN THAT CERTAIN CERTIFICATE OF ANNEXATION DATED JANUARY 16, 2024, AS ENTRY NUMBER 14194388, IN BOOK 11466, AT PAGE 3753, IN THE OFFICE OF THE RECORDER, SALT LAKE COUNTY, UTAH, SAID PORTION OF LAND BEING LOCATED IN THE NORTH WEST 1/4 OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE COUNTY, STATE OF UTAH, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SECTION LINE, SAID POINT IS NORTH 89°02'20" EAST ALONG THE SECTION LINE A DISTANCE 1,374.18 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 14; AND RUNNING THENCE NORTH 89°02'20" EAST A DISTANCE OF 2,233.16 FEET; THENCE NORTH 89°02'20" EAST A DISTANCE OF 797.66 FEET; THENCE CONTINUING ALONG SAID SECTION LINE NORTH 89°02'20" EAST A DISTANCE OF 48.30 FEET TO THE BEGINNING OF A 922.70 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, SAID POINT IS ALSO THE NORTHWEST CORNER OF PROPERTY DESCRIBED IN THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 14112602 IN BOOK 11423 AT PAGE 820 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTHERLY ALONG SAID CURVE, AND THE WESTERLY LINE OF SAID WARRANTY DEED A DISTANCE OF 167.39 FEET (167.50 FEET BY RECORD) THROUGH A CENTRAL ANGLE OF 10°23'39" (CHORD BEARS SOUTH 04°53'40" WEST A DISTANCE OF 167.16 FEET) TO THE SOUTHWEST CORNER OF SAID WARRANTY DEED, AND THE NORTH LINE OF PROPERTY DESCRIBED IN THAT CERTAIN QUIT CLAIM DEED RECORDED AS ENTRY NO. 6278763 IN BOOK 7328 AT PAGE 2652 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG SAID QUIT CLAIM DEED THE FOLLOWING TWO (2) COURSES: 1) SOUTH 85°25'20" WEST (SOUTH 85°23'00" WEST BY RECORD) A DISTANCE OF 47.65 FEET AND 2) SOUTH 11°02'00" WEST BY RECORD A DISTANCE OF 120.90 FEET; THENCE S02°59'40"E, 202.17 FEET TO A POINT IN THE WESTERLY EXTENSION OF THE SOUTHERLY BOUNDARY LINE OF TIMBERLINE ESTATES RECORDED AS ENTRY NO. 12861913 IN BOOK 2018P AT PAGE 344 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE ALONG SAID EXTENSION SOUTH 89°02'14" WEST (SOUTH 88°57'52" WEST BY RECORD) A DISTANCE OF 22.14 FEET TO A POINT IN AN EXISTING FENCE LINE, SAID POINT IS ALSO IN THE WESTERLY RIGHT OF WAY OF DIMPLE DELL ROAD; THENCE ALONG SAID EXISTING FENCE AND WESTERLY RIGHT OF WAY THE FOLLOWING THREE (3) COURSES: 1) NORTH 03°48'56" WEST A DISTANCE OF 48.55 FEET; 2) NORTH 02°47'07" WEST A DISTANCE OF 92.87 FEET AND 3) NORTH 01°52'43" WEST A DISTANCE OF 18.05 FEET TO THE NORTH LINE OF THAT CERTAIN SPECIAL WARRANTY DEED RECORDED AS ENTRY NO. 10768601 IN BOOK 9759 AT PAGE 9726 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTH 89°02'00" WEST ALONG SAID NORTH LINE A DISTANCE OF 185.38 FEET TO THE NORTHWEST CORNER THEREOF; THENCE SOUTH 11°09'00" WEST ALONG THE WEST LINE OF SAID SPECIAL WARRANTY DEED, AND THE WEST LINE OF THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 5418041 IN BOOK 6591 AT PAGE 684 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER AND THAT CERTAIN SPECIAL WARRANTY DEED RECORDED AS ENTRY NO. 12863339 IN BOOK 10631 AT PAGE 5161 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER A DISTANCE OF 308.01 FEET TO THE NORTH LINE OF THAT CERTAIN WARRANTY DEED RECORDED AS ENTRY NO. 7854204 IN BOOK 8438 AT PAGE 5947 IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER; THENCE SOUTH 89°02'20" WEST ALONG SAID NORTH LINE A DISTANCE OF 551.20 FEET (551.25 FEET BY RECORD); THENCE THE FOLLOWING THREE (3) COURSES: 1) NORTH 04°22'52" WEST (NORTH 01°40'00" WEST BY RECORD) A DISTANCE OF 84.48 FEET (83.10 FEET BY RECORD); 2) NORTH 74°14'40" WEST (NORTH 73°17'00" WEST BY RECORD) A DISTANCE OF 101.71 FEET (103.30 FEET BY RECORD); AND 3) NORTH 11°20'02" EAST (NORTH 10°25'00" EAST BY RECORD), A DISTANCE OF 532.59 FEET (530.70 FEET BY RECORD) TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED TRACT OF LAND CONTAINS 11.17 ACRES, MORE OR LESS.

SURVEYOR'S NARRATIVE

IT IS THE INTENT OF THIS PLAT AND THE SURVEY ON WHICH IT IS BASED TO CORRECTLY REPRESENT THE ADJUSTMENT OF THE METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY BOUNDARY AS DESCRIBED HEREON, AS REQUESTED. THE BASIS OF BEARING FOR THIS SURVEY IS N.89°02'20"E ALONG THE SECTION LINE BETWEEN THE RECORD MONUMENTS REPRESENTING THE NORTH WEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN.

DAVID EVANS AND ASSOCIATES PREPARED THIS FINAL LOCAL ENTITY PLAT BASED ON RECORD INFORMATION ONLY. LOCATION OF SHOWN SECTION CORNERS WAS CALCULATED BASED ON SALT LAKE COUNTY AREA REFERENCE PLAT FOR SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN.

AS PART OF THIS SURVEY, DEEA HAS NOT CONDUCTED FIELD SEARCHES FOR EVIDENCE AND MONUMENTATION. DOCUMENTS OF RECORD REVIEWED AND CONSIDERED AS PART OF THIS SURVEY ARE NOTED BELOW. THERE MAY EXIST OTHER EVIDENCE, MONUMENTATION AND DOCUMENTS THAT COULD AFFECT THIS SURVEY. NEW EVIDENCE, MONUMENTATION OR DOCUMENTS THAT MAY ALTER THE CONCLUSIONS OF THIS SURVEY SHOULD BE PRESENTED TO THE SURVEYOR FOR HIS REVIEW AND CONSIDERATION. THIS MAP AND RESEARCH DOES NOT CONSTITUTE A BOUNDARY SURVEY OF SAID PROPERTY.

- (1) DIMPLE DALE LANE; ENTRY NO. 3219065 IN BOOK 79-1 AT PAGE 4.
- (2) TIMBERLINE ESTATES; ENTRY NO. 12861913 IN BOOK 2018P AT PAGE 344.
- (3) DIMPLE DELL LANE ANNEXATION TO SANDY CITY; ENTRY NO. 11536554 IN BOOK 2012P PAGE 208.
- (4) DIMPLE DELL ANNEXATION TO SANDY CITY AMENDED; ENTRY NO. 9435231 IN BOOK 2005P PAGE 211.
- (5) FUNK ANNEXATION TO SANDY CITY; ENTRY NO. 10450160 IN BOOK 2008 AT PAGE 158.
- (6) RECORD DESCRIPTION OF ADJOINING PARCELS SHOWN HEREON AS RESEARCHED WITHIN THE OFFICE OF THE SALT LAKE COUNTY RECORDER.

(APP) BEARING AND/OR DISTANCE DATA TAKEN FROM SALT LAKE COUNTY SURVEYOR'S AREA REFERENCE PLAT FOR SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN.

LOCAL ENTITIES:
ANNEXATION INTO: METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY

**FINAL LOCAL ENTITY PLAT
OLSEN FARMS ANNEXATION TO
METROPOLITAN WATER DISTRICT OF
SALT LAKE & SANDY**

SITUATED IN THE NORTHWEST 1/4 OF SECTION 14,
TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN,
SALT LAKE COUNTY, STATE OF UTAH

<p>PREPARED BY:</p> <p>DAVID EVANS AND ASSOCIATES INC. 10791 South River Front Parkway Suite 125 South Jordan, UT 84095 Phone: 385.955.2850</p>	<p style="text-align: center;">METROPOLITAN WATER DISTRICT OF SALT LAKE & SANDY</p> <p style="text-align: center;">APPROVED THIS ___ DAY OF _____ A.D. 2024</p> <p style="text-align: center;">GENERAL MANAGER _____ DATE _____</p>	<p style="text-align: center;">SALT LAKE COUNTY SURVEYOR</p> <p>APPROVED THIS ___ DAY OF _____ A.D. 2024 BY THE SALT LAKE COUNTY SURVEYOR AS A FINAL LOCAL ENTITY PLAT, PURSUANT TO SECTION 17-23-20 OF UTAH STATE CODE.</p> <p style="text-align: center;">SALT LAKE COUNTY SURVEYOR _____</p>	<p style="text-align: center;">SALT LAKE COUNTY RECORDER</p> <p>RECORDED AND FILED AT THE REQUEST OF _____ RECORDED AS ENTRY NUMBER _____</p> <p>DATE: _____ TIME: _____ BOOK: _____</p> <p>FEE \$ _____ DEPUTY SALT LAKE COUNTY RECORDER _____</p>
		PROJECT NO. MWSL-00000005	SHEET NO. 1 OF 1

Metropolitan Water District of Salt Lake & Sandy
FY2024 CAPITAL PROJECTS REPORT
 May 2024

Last updated: May 13, 2024

Routine Non-Capacity Improvement Projects

SCS Hardware and Software Replacement Project (LC067)

Purpose: Replace and update security control system (SCS) hardware at LCWTP and POMWTP.

Update: Project complete.

District Project Manager:	Darin Klemin	
Design Engineer / Contractor:	Avtec	
Final Completion Date:	June 30, 2024	
Project Budget:	\$600,000.00	
Contract Amount:	\$584,126.40	
Change Orders / Percent:	-\$10,369.83 / -1.8%	
	FY23	FY24
FY Budget:	\$600,000.00	\$100,000.00
Spent to Date:	\$409,529.29	\$70,197.88
District Purchases:	\$4,813.50	\$778.00
Expenses to Date / Percent Spent:	\$485,318.67 / 80.9%	

LCC Replacement and Intake Modifications

Purpose: Replace the raw water Little Cottonwood Conduit and modify the lower intake structure. This is a multi-year project (through FY2026).

Update: Staff is preparing for additional geotechnical investigation and design in FY2025.

District Project Manager:	Gardner Olson
Design Engineer:	Bowen Collins & Assoc.
Preliminary Design Completion Date:	June 30, 2024
FY2024 Budget:	\$200,000.00
FY2024 Contract Amount:	\$200,000.00
Change Orders / Percent:	\$0.00 / 0.0%
Spent to Date:	\$123,735.12
District Purchases:	\$0.00
FY2024 Expenses to Date / Percent Spent:	\$123,735.12 / 61.9%

POMWTP PC/S Hardware Replacement Project

Purpose: Replace and update Process Control / SCADA system hardware at POMWTP.

Update: Equipment is installed. Staff is working with SKM to complete programming.

District Project Manager:	Gardner Olson	
Design Engineer / Contractor:	SKM	
Final Completion Date:	June 30, 2024	
	FY23	FY24
FY Budget:	\$200,000.00	\$250,000.00
Contract Amount:	\$182,358.73	\$207,888.80
Change Orders / Percent:	\$0.00 / 0.0%	\$14,212.00 / 6.8%
Spent to Date:	\$156,665.00	\$152,537.06
District Purchases:	\$0.00	\$2,723.00
Expenses to Date / Percent Spent:	\$311,170.06 / 69.2%	

Fleet Program Replacement:

Purpose: Purchase two trucks and two SUVs.

Update: Two trucks were received in August 2023. A utility van was received in November 2023. An SUV was received in December 2023. Procurement is complete for fiscal year 2024.

District Project Manager:	Michael Carter
Project Budget:	\$200,000.00
Project Spent to date:	\$176,855.33 / 88.4%

Little Dell Dam Improvements:

Purpose: Salt Lake City plans to replace a control panel in FY24.

Update: Design is underway with anticipated bid advertisement in 2024. Staff was notified of several emergency procurements in FY24, including slope repairs near the penstock and a commercial mower.

District Project Manager:	Bernard Mo, SLCDPU
Project Budget:	\$400,000.00
Project Spent to date:	\$0.00 / 0.0%

Repair and Replace

LCWTP Ozone Control Valve Replacement

Purpose: Control valves on the LCWTP ozone system were inspected in 2021. The valves are wearing from use, with five of the eleven valves identified for replacement over the next four years, beginning with ozone destruct.

Update: The control valve was installed on February 28, 2024. Project is complete.

District Project Manager:	Gardner Olson
Project Budget:	\$12,000.00
Project Spent to date:	\$11,567.33 / 96.4%

LCWTP Flash Mix Replacement

Purpose: The LCWTP flash mixers introduce and mix chemical into water upstream of flocculation. One flash mix gear box was replaced in FY23. The second will be replaced in FY24.

Update: The equipment was received. Procurement is complete.

District Project Manager:	Andy Reidling
Project Budget:	\$50,000.00
Project Spent to date:	\$44,770.40 / 89.5%

POMFWP RVSS Replacement

Purpose: The Point of the Mountain Finished Water Pump Station has five pumps - two pumps are operated with variable frequency drives (VFD) and three with reduced-voltage soft starts (RVSS). The equipment has reached the end of its design life and is experiencing increased maintenance and operation issues. One RVSS was replaced in FY22 and the two VFDs were replaced in FY23. An RVSS is being replaced in FY24. Staff plans to replace the final RVSS in FY25.

Update: Project is complete.

District Project Manager:	Scot Collier
Contractor:	EMC
Final Completion Date:	June 30, 2024
Project Budget ¹ :	\$90,000.00
Contract Amount:	\$87,285.16
Spent to Date:	\$87,285.16
Other Costs:	\$1,085.55
Project Spent to date:	\$88,370.71 / 98.2%

¹ Project budget was reduced at the February 26, 2024 board meeting.

CCTV Hardware Replacement

Purpose: The District's closed circuit television (CCTV) security system is 20 years old at LCWTP and 14 years old at POMWTP. The equipment has exceeded its expected life and is no longer supported by the manufacturer. The remaining two years of this project will split camera replacement at POMWTP.

Update: Project is complete.

District Project Manager:	Brian Pehrson
Contractor:	Avtec
Final Completion Date:	June 30, 2024
Budget ¹ :	\$135,000.00
Contract Amount:	\$116,836.02
Change Orders / Percent:	\$16,870.35 / 14.4%
Spent to Date:	\$133,736.37
District Purchases:	\$0.00
Project Spent to Date:	\$133,736.37 / 99.1%

¹ Project budget was increased at the February 26, 2024 board meeting.

UPS Replacement

Purpose: Two UPS systems at the LCWTP are scheduled for replacement.

Update: The UPS systems were received in December 2023.

District Project Manager:	Scot Collier
Project Budget ¹ :	\$40,000.00
Project Spent to date / Percent Spent:	\$37,891.06 / 97.7%

¹ Project budget was decreased at the February 26, 2024 board meeting.

Lab Equipment Replacement

Purpose: The lab department requires replacement of an organics laboratory dishwasher, auto titrator, microscope, and inductively coupled plasma mass spectrometry (ICP/MS) instrument. The purge and trap and autosampler installed in FY23 experienced issues, were returned, and will be replaced.

Update: The ICP/MS, microscope, purge and trap and autosampler, autotitrator, and organics laboratory dishwasher are installed. Project complete.

District Project Manager:	Jeff Matheson
Project Budget:	\$283,500.00
Project Spent to date / Percent Spent:	\$281,122.50 / 99.2%

Annual Network Server Replacement

Purpose: The District operates servers on multiple networks. These servers have a life expectancy of seven years. New servers host the most critical services for the first three to five years of the lifecycle and then are moved to a less critical role for the remainder of the life cycle.

Update: Four servers were received. Staff is preparing to purchase a fifth server.

District Project Manager:	Darin Klemin
Project Budget:	\$70,000.00
Project Spent to date / Percent Spent:	\$57,273.52 / 81.8%

Miscellaneous: Two chlorinators were received and installed to replace failing units at the LCWTP at a cost of \$21,793.

District Project Manager:	Ammon Allen
Project Budget ¹ :	\$50,000.00
Project Spent / Percent Spent:	\$21,811.38 / 43.6%

Non-Routine O&M (Selected Projects)

LCWTP Arc Flash Coordination

Purpose: LCWTP Arc Flash Coordination: The National Fire Protection Association (NFPA) Standard for Electrical Safety in the Workplace mandates reviewing the arc flash study of a facility a maximum of every five years. Recent changes at the LCWTP make this effort timely.

Update: Data collection, labels, and the final report are complete. One-line diagrams and panel schedules are in progress.

District Project Manager:	Gardner Olson
Contractor:	Powmation
Final Completion Date:	June 30, 2024
Project Budget:	\$200,000.00
Contract Amount:	\$149,700.00
Project Spent to date:	\$103,800.00 / 51.9%

Financial Strategist

Purpose: Application assistance for WIFIA funding for MWDSLS long term Capital Finance program.

Update: Two tasks began in April – 1) development of a funding plan / strategy for external funding sources and 2) assistance with a BRIC scoping application for the LCWTP Rebuild.

District Project Manager:	Annalee Munsey		
Project Budget:	\$100,000.00		
Contractor:	AE2S	AE2S	AE2S
Final Completion Date:	December 31, 2023	June 30, 2024	June 30, 2025
Contract Amount:	\$20,000.00	\$49,910.00	\$24,330.00
Project Spent to date:	\$19,424.50 / 19.4%	\$0.00 / 0.0%	\$0.00 / 0.0%

IT Master Plan

Purpose: The Information Technology department has many project needs. A master plan will be developed to prioritize and define these projects.

Update: The server room assessment is nearly complete. The consultant is currently working on the HMI evaluation and began preparing to map LCWTP fiber infrastructure.

District Project Manager:	Ryan Nicholes
Contractor:	Hazen and Sawyer
Final Completion Date:	June 30, 2024
Project Budget:	\$150,000.00
Contract Amount:	\$149,905.00
Project Spent to date:	\$69,509.26 / 46.3%

Capacity Improvement Projects

Managed Aquifer Recharge Pilot Testing and Phase 1 (LC063)

Purpose: The District will construct two infiltration basins and an injection well at the LCWTP. These facilities will recharge an estimate 29 acre-feet of water into the aquifer per day. The water can then be extracted through any number of customer-owned wells down-gradient and within the same aquifer.

Update: Construction of the ASR Well was completed on September 13, 2023. Well development was completed in January 2024. Injection testing was completed in February 2024.

The surface infiltration basins are fully excavated and drain holes drilled. Site grading is complete. The first of two rounds of hydroseed was applied to the site perimeter. The well house is being constructed. Electrical equipment is anticipated to arrive in January 2025.

Staff will provide a more thorough project history and update at the May 20 board meeting.



April 30, 2024: Overall site progress.



May 2, 2024: The well house foundation and conduits are in progress.

Design			
District Project Manager:	Ammon Allen		
Design Engineer:	Hansen, Allen and Luce		
Final Completion Date:	December 31, 2024		
Implementation Plan Spent (FY21):	\$78,487.55		
Engineering Design Contract Amount:	\$961,937.15		
Fiscal Year:	2022	2023	2024
Spent to date:	\$78,431.03	\$420,598.75	\$230,662.78
Engineering Design Spent to date:	\$729,692.56 / 75.9%		

Wells Construction		
Contractor:	Hydro Resources	
Final Completion Date (est.):	June 30, 2024	
Contract Amount:	\$3,674,441.00	
Change Orders / Percent:	-\$19,782.00 / -0.5%	
	2023	2024
Wells Spent to date	\$2,504,420.15	\$0.00
Total Spent to date:	\$2,540,420.15 / 68.5%	

SIB and Infrastructure Construction	
Contractor:	COP Construction
Final Completion Date (est.):	January 31, 2025
Contract Amount:	\$5,550,687.00
Change Orders / Percent:	-\$11,727.75 / -0.2%
SIB and Infrastructure Spent to date:	\$3,730,369.25 / 67.4%

Other Project Costs	
Contractor:	SKM
Final Completion Date (est.):	March 30, 2025
Budget:	\$94,500.00
Contract Amount:	\$39,890.00
Change Orders / Percent:	\$0.00 / 0.0%
SKM Spent to date:	\$827.50 / 2.2%
District Purchases	\$1,204.00
Total Other Costs Spent to date:	\$2,031.50 / 2.2%

Total Project Budget:	\$10,821,309.10
ARPA Grant:	\$3,000,000.00
ASR Reserve (as of June 30, 2022):	\$4,115,104.90
Non-ASR Reserve:	\$3,706,204.20
Total Project Spent to date:	\$7,045,001.01 / 65.1%

Other Capital Improvement Projects

Salt Lake Aqueduct Replacement - Cottonwoods Conduit (SLAR-CC):

Purpose: The Big Cottonwood Water Treatment Plant (BCWTP) is in need of replacement. The SLAR-CC is a pipeline that connects the BCWTP and the Little Cottonwood Water Treatment Plant (LCWTP) to bring raw water from Big Cottonwood Creek to the LCWTP for treatment. Without this infrastructure, the District will incur an additional demand of up to 24,000 ac-ft annually during the BCWTP replacement.

Update:

Construction: On April 12, 2024, COP Construction began potholing activities as part of the CC-2 pipeline. These potholing efforts took place inside the LCWTP, behind the Chemical building and in the parking lot area in front of the administration building. They also began potholing in Fort Union Blvd as part of CC-1 pipeline.

On April 22, 2024, Whitaker Construction began potholing activities as part of the SLAR pipeline east of the 10 MG Reservoir and on Danish road. Potholing helps the contractors to verify existing utilities elevation and alignment, before new pipe is installed.

The first 10 units of 36” diameter pipe for the CC-1 were received on May 2 and 3, 2024.

Our construction management consultant is also working with COP Construction to obtain the UDOT excavation permit. As soon as the new pipe units are inspected for transportation damage and quality control, COP Construction will begin installation of the pipe just east of Wasatch Blvd on Ft. Union Blvd, and continuing up the canyon to the BCWTP.

The project team is meeting weekly, preparing and reviewing submittals, and coordinating with stakeholders.

Easement Acquisition: There are 59 permanent easements (54 residential, 5 non-residential) and six temporary easements being acquired. Offers were extended to all property owners. Forty offers have been accepted, of which thirty-five easements have been closed.

Five additional temporary easements on non-residential properties are also being pursued to provide staging and logistical areas used during construction. The location, size, and timing of the temporary easements have been defined. Legal descriptions and exhibits have been created. Appraisals have been ordered.

Design			
District Project Manager:	Kelly Stevens		
Design Engineer:	Hazen and Sawyer		
Final Completion Date:	30-Jun-24		
Original Contract Amount:	\$ 2,355,137.00		
Contract Amendments:	\$ 1,321,445.00		
Total Contract Amount:	\$ 3,676,582.00		
Fiscal Year:	2022	2023	2024
Spent to Date:	\$ 36,856.25	\$ 1,999,946.56	\$ 1,160,873.13
Engineering Spent to Date:		\$ 3,197,675.94 / 87.0%	

Public Engagement			
District Project Manager:	Kelly Stevens		
Design Engineer:	Wall Consulting Group		
Final Completion Date:	30-Jun-24		
Original Contract Amount:	\$ 108,388.75		
Contract Amendments:	\$ -		
Total Contract Amount:	\$ 108,388.75		
Fiscal Year:	2022	2023	2024
Spent to Date:	\$ 4,455.46	\$ 32,879.88	\$ 37,667.29
Engagement Spent to Date:		\$ 75,002.63 / 69.2%	

Easement Acquisition		
District Project Manager:	Kelly Stevens	
Acquisition Budget:	\$ 3,000,000.00	
Acquisition Agent:	Davenport Consulting	
Final Completion Date:	30-Jun-25	
Original Contract Amount:	\$ 97,350.00	
Contract Amendments:	\$ -	
Total Contract Amount:	\$ 97,350.00	
Fiscal Year:	2024	2025
Agent Spent to Date:	\$ 0.00	\$ 0.00
Easement Costs:	\$ 925,691.00	\$ 0.00
Acquisition Spent to Date:		\$ 925,691.00 / 30.9%

Construction began in April 2024; costs will be reported beginning with the June report.



April 12, 2024: Potholing west of the Murray Power Plant.



May 02, 2024: The first sticks of 36" diameter pipe (CC-1) arrived

**Jordan Valley Water Conservancy District (JVWCD)
Jordan Aqueduct System and 150th South Pipeline – Capital Projects**

The District is responsible for 2/7 of Jordan Aqueduct (JA) system improvements which include JA Reaches 1 – 4, Jordan Valley Water Treatment Plant (JVWTP), and the JA Terminal Reservoir. The District is responsible for one half of improvements associated with the 150th South pipeline. Projects identified for FY2024 include:

Major Rehabilitation or Replacement of Existing Facilities

• JA Normal, Extraordinary Maintenance and Replacement	\$ 142,857
• 150 th South Pipe Normal Maintenance and Replacement	\$ 62,500
• JA TR Basins 3, 4 Roof Deck Joint Sealant Replacement	\$ 142,857
• JVWTP Normal, Extraordinary Maintenance and Replacement	\$ 342,857
• JVWTP Floc/Sed Basins 3-6 Mechanical Equipment Replacement	\$ 385,714
• JVWTP Floc/Sed Basins 1-2 Mechanical Equipment Replacement	\$ 285,714

New Non-Capacity Facilities (Compliance/Functional Upgrade)

• JVWTP Filter and Chemical Feed Upgrades	\$ 885,714
• JVWTP Floc/Sed 1-2 Seismic Upgrade	\$ 662,143
• Jordan Aqueduct Seismic Resiliency	\$ 14,286

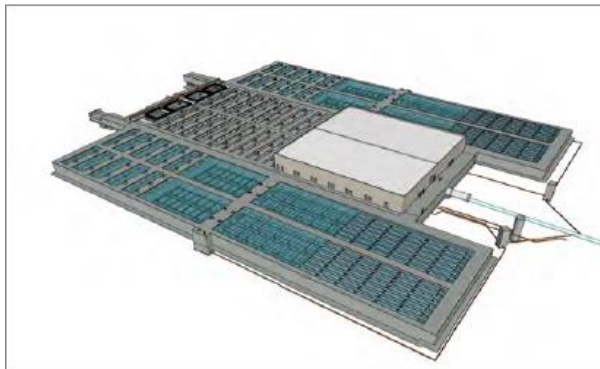
JVWTP Project Management Expenses \$ 50,000

Total Request FY2024: \$2,974,643

This report is taken from JVWCD’s May 2024 board packet and covers March 13, 2024 to April 12, 2024.

JVWCD is expecting 60% design drawings for the JVWTP Filter and Chemical Feed Upgrades and Expansion Project in May. A contract amendment was approved in April to increase the design budget.

The JVWTP Sedimentation Basins 1-2 Seismic and Capacity Upgrades Project is awaiting the status of a BRIC grant, anticipated in August 2024. The consultant is preparing 90% design review drawings. A contract amendment was approved in April to increase the design budget.



Engineering model of proposed JVWTP sedimentation improvements to be constructed with this project