Subject: International Automated System Property 75.40 Acre Parcel – HD-4658-1 Millard County UT

> Client: Wayne Klein, Receiver PO Box 1836 Salt Lake City, UT 84110

Appraiser: TVB Management Company Thomas V. Boyer 2200 Chalk Creek Coalville, Utah 84017 (801) 376-4685

Effective Date of Appraisal: March 26, 2019

# **TVB Management Company**

April 15, 2019

Wayne Klein, Receiver PO Box 1836 Salt Lake City, UT 84110

Dear Wayne,

Based upon your request, I have inspected the International Automated System Property 75.40 Acre Parcel - HD-4658-1 in Millard County, Utah. I have investigated matters pertaining to the property and have arrived at a conclusion of market value based on the data available. It is my opinion that the current market value of the property as of March 26, 2019 is:

#### \$30,000 - [Thirty Thousand Dollars] 'Remediated'

#### \$3,800 – [Three Thousand Eight Hundred Dollars] 'As Is'

I certify that I have personally inspected the property, and I have no interest past, present or future anticipated in the property. The above value of the property is based upon the property being placed on the market for a period of twelve months.

My State of Utah general appraiser certification number is 5477369-CG00. This report conforms to the Uniform Standards of Professional Appraisal Practice (USPAP).

If I can provide additional information or assistance, please feel free to call. I appreciate the opportunity to be of service to you.

Sincerely,

Minues H Syn

Utah Certified General Appraiser Certificate # 5477369-CG00 Expires 11/24/19

Thomas V Boyer, AFM, ARA, AAC

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# SUMMARY - SALIENT FACTS AND CONCLUSIONS

| GENERAL LOCATION            | Abraham, Millard County, Utah  |
|-----------------------------|--|
| LEGAL DESCRIPTION           | Parcel Number - HD-4658-1, Legal - N1/2<br>NW1/4 SEC 11, T17S, R8W, SLM. LESS SW COR<br>NW1/4 NW1/4 SEC 11, N 0°48'32" E 234.51 FT<br>ALG SEC LN, N 78°41'15" E 680 FT, S 03°07'08"<br>W 378.38 FT TO S BDRY SD NW1/4 NW1/4, N<br>89°07'23" W 649.59 FT ALG SD S BDRY TO BEG.<br>Acres 75.40 |
| EFFECTIVE DATE OF APPRAISAL | March 26, 2019   |
| INSPECTION DATE             | March 26, 2019   |
| PROPERTY OWNERSHIP          | International Automated Systems  |
| PROPERTY RIGHTS APPRAISED   | Fee Simple   |
| SALES HISTORY               | 8/24/2007 – Neldon Johnson, Quit Claim   |
| Acreage                     | 75.40 Acres  |
| Zoning                      | Agriculture 20   |
| Improvements                | None – Structure Present Decrease Value  |
| Environmental Statement     | Hazards are Present  |
| HIGHEST AND BEST USE        | Agriculture & Recreation   |
| Subject Leases              | None   |
| WATER RIGHTS                | None – See Extraordinary Assumption  |

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VALUE INDICATIONS

The value indications from the Sales Approach: \$30,000 'Remediated', \$3,800 'As Is'

FINAL ESTIMATES OF VALUE

"Market Value"

\$30,000 – Thirty Thousand Dollars – 'Remediated'

\$3,800 – Three Thousand Eight Hundred Dollars – 'As Is'



# Assumptions and Limiting Conditions

#### Limit of Liability

The liability of the TVB Management Company is limited to the client and to the fee collected. Further, there is no accountability, obligations, or liability to any third party. The Appraiser assumes no responsibility for the costs incurred to discover or correct any deficiencies of any type present in the property; physically, financially, or legally.

#### Confidentiality

This appraisal is to be used only in its entirety. No part or portion thereof is to be used by any party without the whole report. All conclusions and opinions concerning the analysis which are set forth in the report were prepared by the Appraiser whose signature appears on the appraisal report.

#### Information Used

No responsibility is assumed for accuracy of the information furnished by work of others, the client, his designee, or public records. The comparable data relied upon in this report has been confirmed with one or more parties familiar with the transaction or from affidavit or other sources thought reasonable; all are considered appropriate for inclusion to the best of our factual judgment and knowledge.

#### **Changes and Modifications**

Appraisal report and value estimate are subject to change if physical, legal entity, or financing different than envisioned at the time of writing this report becomes apparent later. The appraiser reserves the right to alter statements, analysis, conclusion, or any value estimate in the appraisal if there becomes known to us facts pertinent to the appraisal process which were unknown to us at the time of the report preparation.

#### Management of the Property

It is assumed that the property which is the subject of this report will be under prudent and competent ownership and management; neither inefficient nor super-efficient.

#### Information Verification

Utah is a non-disclosure state and thus information pertaining to real estate prices and other data such as rents and financing are not a matter of public record. Although extensive effort has been expended to verify data with buyers, sellers, brokers, lenders, lessors, lessees, and other reliable sources, it has not always been possible to independently verify all significant facts. Hypothetical Conditions and Special Limiting Conditions

There are no hypothetical conditions or special limiting conditions associated with this report.

#### **Extraordinary Assumptions**

The following extraordinary assumption is part of this report and may affect the value derived herein. It is assumed that water right #68-526 that has 10 Acre Feet for 2.5 Acres Irrigation is NOT part of the subject even though the place of use is on the subject property. The water right is titled to Neldon Johnson and is sourced from the 4.6 acre parcel [HD-4658] that was deeded to Glenda Johnson on February 14, 2011.

# DEFINITION OF VALUES

#### USPAP – Uniform Standards of Professional Appraisal Practice

#### Market Value Definition

"Market Value means the most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and the seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition are the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- 1. Buyer and seller are typically motivated;
- 2. Both parties are well informed or well advised, and acting in what they consider their own best interest;
- 3. A reasonable time is allowed for exposure in the open market;
- 4. Payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and
- 5. The price represents the normal consideration for the property sold unaffected by special or creative financing or sale concessions granted by someone associated with the sale." Appraisal of Real Estate, Appraisal Institute, 13th Edition

#### Fee Simple

Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat. - Appraisal of Real Estate, Appraisal Institute, 13th Edition

## **OBJECTIVE OF THE APPRAISAL**

Purpose of the Appraisal

The purpose of the appraisal is to establish the 'as is' and market value for the International Automated Systems HD-4658-1 property located in Abraham, Millard County, Utah.

Function of the Appraisal

The function of the appraisal shall be to establish two market values - the value 'as is' and the value with the surface clean [all structures and debris removed] 'remediated' which will aid in or support the sale of the property.

#### Intended Users

This report is prepared for Wayne Klein, who is the court appointed receiver for the subject. Mr. Klein is also the client and the intended user of this report. Mr. Klein is hereby also authorized to distribute this report to other users as he deems appropriate.

#### Property Rights Appraised

The subject property is currently being held by Fee Simple Title and thus all rights pertaining to that Fee Simple Estate with the exception of mineral rights are included in the valuation of the subject in this appraisal.

#### Effective Date of the Appraisal

The effective date of the appraisal shall be March 26, 2019 the date of property inspection.

#### Appraisal Problem

The appraisal problem herein includes the following components:

• Appraising the subject property of this report which is part of additional properties which are currently under the jurisdiction of Wayne Klein who has been appointed as Receiver for the subject and other properties held by International Automated Systems. The subject was utilized as a base of operations for a solar farm which was determined by the courts to be a fraudulent project. The project included erecting metal 'solar trees' wherein there are now 19 of these towers that are approximately 40-50' high with 2' pipe columns which have a 3' pipe slider to raise the large ring up and down. Most if not all of the towers appear to be unable to function or at least it could be dangerous to try to lower them without proper support equipment. In addition, there are several old structures including semi-truck trailers and debris scattered all through the tower area. Further, there are several joints of pipe laying

on the ground on the east end of the subject. These items all taint the subject. The subject is further tainted by being held by the court.

- When the court shut the enterprise down the subject property along with all the solar units, equipment, cargo containers, sheds and pipe were all abandoned and left behind. The remains are now mostly scrap metal and junk that currently pose a detriment to the property due to cleanup costs. Given the amount of debris there may be some minor contamination. The appraisal assignment requested a value as is and a value clean with the acreage being restored to vacant land which will result in two values being provided for the subject. The area used for the solar enterprise does not cover the entire 75.40 acres but is estimated to affect a maximum of 24 acres of the subject.
- A portion of the subject may have been cropped in the past but is not currently planted.
- The subject is in Abraham area of Millard County which area is rural with no residential development. The subject is also outside the irrigated crop land area and is all dry acreage.
- Establishing a value for the subject based on market sales is challenging as there appears to be no trends between size, productivity, zoning, location or other normal value related factors and sale prices.
- The subject appears to have been partially farmed in the past however no information regarding the source of water that may have been used has been established from calls to irrigation associations that serve the area.
- The subject is partially fenced however the boundaries are clearly identifiable.

#### Data Research and Analysis

The following steps were made in arriving at the final opinion of value included in the appraisal report of the subject property.

- 1. A preliminary search of all available resources was made to determine market trends, influences and other significant factors pertinent to the subject property.
- A complete property inspection was made of the property was made on March 26, 2019. Lauri Mathews the realtor accompanied me on the inspection.
- 3. Wayne Klein provided the parcel identifications and is the client.
- 4. The research and collection of data were performed as present in the subject's market area and yielded enough sales to express an opinion of value as defined herein. Data was examined from MLS, local realtors, appraisers and government records. All data and sales information were then evaluated and ranked to determine which would be included in the report and which would be retained in the work file. Once this determination was made the selected sales and supporting data for inclusion were then utilized in the valuation analysis. These sales were included as being the best to represent the subject property.
- 5. The income, cost and sales approaches to value were then evaluated for use in analyzing the data to determine an opinion of market value for the subject. The sales

approach was determined to be the only appropriate approach to utilize in the valuation analysis as the subject and the sales are not income producing properties and they are all vacant land.

#### **Competency Provision**

Steps taken to comply with the competency provision are all rural appraisal courses which have been offered by the American Society of Farm Managers and Rural Appraisers have been taken which are required for the Accredited Rural Appraiser designation which is the highest designation offered by that association. In addition, courses offered by the Appraisal Institute, American Society of Appraisers and other educational sources have been taken as part of continuing education requirements for both the Accredited Rural Appraiser and Utah State Certified General Appraiser designations. Principles taught in these courses have been applied to this appraisal.

#### Sources Utilized

The sources utilized in this report include:

- Google Earth
- Wasatch Front Multiple Listing Service
- Iron County Offices
- Utah Division of Water Rights
- Acrevalue.com Granular
- Matt Harmon, Realtor
- Lucas and Molly Harmon, Realtors
- Lauri Mathews, Realtor
- Pam Fisher, Realtor
- Rod Olcott, Realtor
- Sue Markham, Realtor
- Matt Christensen, Realtor
- Casey Bogue, Land Buyer
- Chad Osguthorpe, Farmer
- Steve Styler, Delta Attorney
- Mike Jessop Metal Scraping
- Gale George Metal Scraping
- Clyde Bunker Farmer [Water Rights]
- Deseret & Abraham Irrigation [Amy]
- Paul McCollum Water Rights
- Utah Division of Water Rights Ron Cox
- Web Soil Survey

## AREA - REGIONAL ANALYSIS

Millard County is a county in the U.S. state of Utah. As of the 2010 United States Census, the population was 12,503. Its county seat is Fillmore, and the largest city is Delta.

The Utah Territory legislature created the county on 4 October 1851, with territory not previously covered by county creations, and including some area in the future state of Nevada. It was named for thirteenth US President Millard Fillmore, who was in office at the time. Fillmore was designated as the county seat. The county boundaries were altered in 1852, in 1854, in 1861, and in January 1862. In July 1862, the US government created the Nevada Territory, which effectively de-annexed the described portion of Millard County falling in that Territorial Proclamation. The county boundary was further altered in 1866, in 1888, and in 1919. In 1921 a boundary adjustment with Sevier brought Millard to its present configuration.

Fillmore, located near the geographic center of the territory, was originally built as the capital of Utah Territory. The Utah Territorial Legislature approved a plan to locate the capital in the Pahvant Valley. On 28 October 1851, Utah Governor Brigham Young traveled to the valley and chose the specific site for Fillmore. The town was surveyed that same day. A colonizing company soon followed; they built houses, a grist mill, and a sawmill. Construction of the State Capitol was initiated in 1852. The Territorial legislature met in Fillmore for the first (and only time) in 1855. The following year they voted to keep the capitol in Great Salt Lake City.

Millard County lies on the west side of Utah. Its west border abuts the east border of the state of Nevada. The county terrain consists of arid, rough undulating flatlands interrupted by numerous hills and mountain ridges.[6] The highest point in the county is Mine Camp Peak in the Central Utah Plateaus, at 10,222' (3116m) ASL.[7] The county has a total area of 6,828 square miles (17,680 km2), of which 6,572 square miles (17,020 km2) is land and 255 square miles (660 km2) (3.7%) is water.[8] It is the third-largest county in Utah by area.

The Sevier Desert covers much of Millard County, being the seafloor of ancient Lake Bonneville. Sevier Lake, a mostly dry remnant of Lake Bonneville, is in central Millard County. The Pahvant Mountains form the county's eastern boundary. Fillmore and other farming communities lie at the base of the Pahvant Mountains. Delta sits several miles from the banks of the Sevier River in the middle of the basin.

Local Area - Delta

Delta was originally a railroad switch called Aiken. In 1905 Aiken was renamed Melville when Millard County began plans to set up irrigation and a dam. People were given free

land to move to the new town as long as they agreed to develop a 40-acre lot. The name was change again because of the similarities between Melville and Millville, another town in Utah. The name was changed on May 12, 1908 to Burtner. The name was finally changed to Delta on May 11, 1911. The name is quite fitting as the area was a delta of Lake Bonneville.

During World War II, after the attack on Pearl Harbor, tens of thousands of Japanese-Americans were gathered up and placed in ten incarceration camps with the intention of protecting military installations from espionage. One of these camps, then titled Central Utah Relocation Center, was located near Delta and filled with former residents of the San Francisco Bay Area.

John Williams Gunnison was leading a federal surveying team near the Sevier Lake. He was ambushed by the Pahvant Indians and killed.

Delta is located at 39°21′11″N 112°34′25″W (39.353145, -112.573656).

According to the United States Census Bureau, the city has a total area of 3.2 square miles or 8.3 square kilometers, all land.

Delta experiences an arid/semi-arid climate with hot summers and cold winters. Because of Delta's altitude and aridity, temperatures drop quickly after sunset, especially in the summer. Winters are cold. Daytime highs in the winter are usually above freezing, but nighttime lows drop well below freezing, occasionally falling below 0 °F or -17.8 °C. Delta's climate is similar to that of Salt Lake City, but much more arid.

The Sevier River flows near Delta. The Sevier River is generally used by irrigation before it reaches its eventual end, the dry Sevier Lake.

Just upstream of Delta, the Sevier River is dammed to provide irrigation water, reservoir storage, and cooling water for IPP, Intermountain Power Project. This reservoir is referred to as the DMAD.

Agriculture is a major economic force in Delta and the Sevier valley.

Downstream of Delta, the Sevier River is dammed again for irrigation and reservoir storage. This reservoir is named Gunnison Bend Reservoir, in honor of John Williams Gunnison.

Demographics

Historical population Census Pop. %± 1910 459 — 1920 939 104.6%

| 1924    | 1,183 |       | 26.0% |
|---------|-------|-------|-------|
| 1940    | 1,244 |       | 10.2% |
| 1950    | 1,703 |       | 24.6% |
| 1960    | 1,576 |       | -7.5% |
| 1970    | 1,610 |       | 2.2%  |
| 1980    | 1,924 |       | 19.9% |
| 1990    | 2,998 |       | 55.3% |
| 2000    | 3,209 |       | 7.0%  |
| 2010    | 3,436 | 3,509 | 7.1%  |
| Est. 20 | )16   |       | 2.1%  |

As of the census of 2014, there were 3,474 people, 1,006 households, and 780 families residing in the city. The population density was 1,018.3 people per square mile (393.3/km2). There were 1,106 housing units at an average density of 351.0 per square mile (135.6/km2). The racial makeup of the city was 77.5% White, 0.06% African American, 0.2% Native American, 0.4% Asian, 0.4% Pacific Islander, .3% from other races, and .8% from two or more races. Hispanic or Latino of any race were 20.5% of the population.

In the city, the population was spread out with 38.7% under the age of 18, 8.2% from 18 to 24, 24.3% from 25 to 44, 18.1% from 45 to 64, and 10.7% who were 65 years of age or older. The median age was 28 years. For every 100 females, there were 103.4 males. For every 100 females age 18 and over, there were 94.9 males.

The median income for a household in the city was \$63,509. The per capita income for the city was \$25,058. About 10.1% of families and 13.0% of the population were below the poverty line, including 16.5% of those under age 18 and 5.4% of those age 65 or over.

#### Economy

Intermountain Power Project (IPP) -One of the main sources of income for Delta is a power plant operated by the Intermountain Power Agency, known as the Intermountain Power Project or I.P.P. It is also referred to as Intermountain Power Service Corporation or I.P.S.C. This coal-powered power plant supplies power for much of Los Angeles county in California. The plant was originally designed for four units, but only two have been built. Each unit produces 900 megawatts of electricity.

Brush Wellman - Brush Wellman is a mine and refining plant located at one of the few sources of concentrated beryllium in the world. The plant is a mill and finishing facility for beryllium, a high-strength, lightweight metal used in military, aerospace, and medical industries. The ore for the plant comes from Brush Wellman's mine, located in the Topaz-Spor Mountains, 50 miles west, which is North America's only developed source for the metal. The facility is located here due to the remoteness of the area, as beryllium dust is

highly toxic, and the proximity of a large source of power: the Intermountain Power Project.

Graymont Lime - Graymont Lime has a plant in the Cricket Mountains, about 32.5 miles southwest of Delta. It is one of the 10 largest lime plants in the United States. It was previously owned by Continental Lime which was purchased by Graymont Lime.

Alfalfa - Alfalfa hay is the main crop of the Delta area. Due to the dry climate in the Delta region, farmers can control the moisture content of the hay when it is baled. This is very important to prohibit mold growth.

Dairy - Delta is home to a decreasing number of dairy farmers who ship the milk out of the county as all local processing facilities are no longer in operation. The dairy industry in the area that once was a major agricultural economic contributor is now about gone.

SUMMARY OF TRENDS

#### **Physical Considerations**

The subject is in an area which is conducive to agricultural operations. It is easily accessible and has access to transportation facilities for markets, shopping, schools, and all other necessary services. Land in the area is used for grazing and cropping and recreational enterprises. The terrain and the soils are conducive to production of dry grazing, forage and the various crops which are allowed by the climatic conditions of the area. The climatic conditions limit the grazing as the annual precipitation is not adequate for long season continuous grazing. Irrigation water is limited in the area and may be available for lease or purchase occasionally but is not readily available year in and year out. Recreational activities include horseback riding, ATV riding and other related recreational activities. The Intermountain Power Agency leases water from year to year however leases are not consistent thus perennial crop production is risky.

#### Social Considerations

The area immediate to the subject has social possibilities in Delta which is located approximately 10 miles to the east which provides a full array of shopping, health services, education and governmental services. There are also social opportunities in Filmore which is approximately 47 miles to the east. Thus, the social considerations are neither a positive nor a negative factor for the subject.

#### **Economic Considerations**

The principal commodities of the area are alfalfa hay, grass hay, small grains, cattle and sheep. Crop yields for the area appear to be in the 5 to 6 ton range for alfalfa hay and 100-120 bushel grain. Grazing requires on the subject requires 18 - 50 plus acres per

animal unit based upon the quality, type and exposure of rangeland. There is minimal growth in the area for housing and other commercial enterprises. Agriculture is the principle economic contributor in the area. The Intermountain Power Agency ("IPA") is a political subdivision of the State of Utah, organized in June, 1977, pursuant to the Utah Interlocal Co-Operation Act. IPA consists of 23 Utah Member Municipalities that own electric utilities and is governed by a 7-member Board of Directors elected by the Member Municipalities. The purposes of IPA are to finance and operate a facility to generate electricity known as the Intermountain Power Project. IPA's primary responsibilities include financing, managing, and accounting for the funds of the project, and assuring, in concert with its appointed Operating Agent, compliance with the terms of all project agreements. Assets to achieve IPA's purpose include: a two-unit coal-fired electric generation station, located near Delta, Utah, with a current net capacity of 1,800 MW; an AC Switchvard; co-owned coal mines; unit trains; a railcar repair facility; a DC transmission system and converter stations that connect the project to Adelanto, California; and three AC transmission lines primarily within the State of Utah. IPA has sold generated output of the plant by long term contract to 23 Utah municipalities, 6 California municipalities, 6 rural electric cooperatives and one investor-owned utility. IPA has committed to switch to natural gas from coal as the plant energy source by 2025. This switch may have impact on the local economy due to reduced employee needs. Further, IPA traditionally leases irrigation water from local farmers which they are not planning to do in 2019. If this is a long term trend, this may impact the subject by creating the possibility of leasing or buying irrigation water. IPA is another major economic contributor to the local economy.

#### **Governmental Considerations**

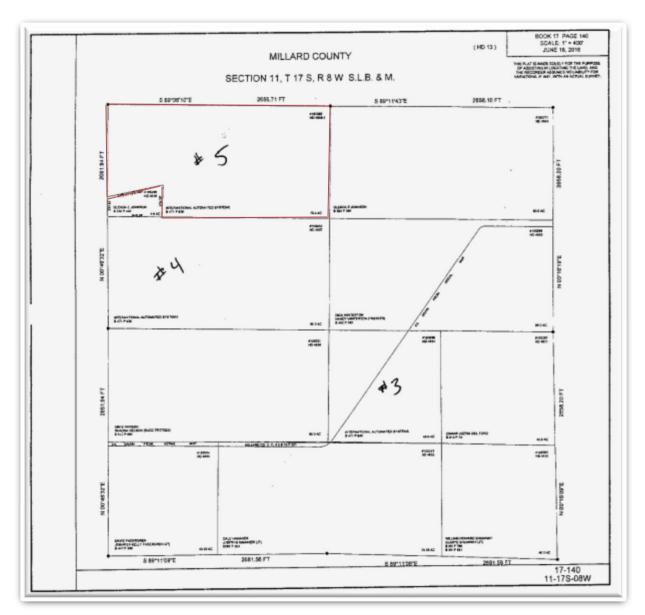
Taxation in the area is average for similar types of communities and locations throughout the western United States. The taxation level is adequate to provide necessary services for the subject from a community basis and is well cared for by governmental authorities in terms of the services provided and available to it. All easements and assessments applicable to this subject property are common to the area and provide supportive benefits to the community around it and do not significantly detract from the value of the subject nor do they impair the ability of the operation to function in a normal way given the present enterprises of the operation. There are minimal governmental services provided to the subject.

# **PROPERTY DESCRIPTION**

#### Size, Shape and Location of the Property

The subject is identified as HD-4658-1 contains 75.40 acres of dry land. The land is rectangular in shape as the parcel is the N1/2 NW1/4 SEC 11, T17S, R8W, SLM. LESS SW COR NW1/4 NW1/4 SEC 11, N 0°48'32" E 234.51 FT ALG SEC LN, N 78°41'15" E 680 FT, S 03°07'08" W 378.38 FT TO S BDRY SD NW1/4 NW1/4, N 89°07'23" W 649.59 FT ALG SD S BDRY TO BEG. The rectangle lacks the southwest corner as 4.6 acres is not included in the subject. The general physical location is 200 North 7750 West in Abraham. The subject has frontage along 200 North and 8000 West.





Identified at Parcel #5 on plat map.

### ENVIRONMENTAL FACTORS & CLEANUP ISSUES

The subject property currently has a plethora of environmental issues including drums, oil containers, tires and areas of diesel and oil spills. Therefore, a Phase I Environmental Audit is recommended to establish the scope of contamination and develop a cost of cleanup. There did not appear to be any critical issues but given the scope of development and surface debris there could be an issue. On request of the client, bids were sought for the cleanup and two bids were received. The bids pose concern given the extreme difference in cost. Further, the two bids covered surface cleanup only as they were both metal scrappers. Michael Jessop has bid \$20,000 to remove all metal, wood, plastic and other

debris from the surface leaving it vacant. Gale George also submitted a bid of \$497,317 for the same scope of work. Based on experience I do not believe either bid to be valid. The \$20,000 bid will not cover the entire cleanup required but it is closer that the \$497,317 bid which is excessive. I estimate the actual cost to be in the \$150,000 range. This however will not cover any soil remediation that may be required from the Phase I environmental audit. While soil remediation is expensive, the surface inspection did not reveal any major contamination problems. It is therefore assumed that soil remediation costs will not be prohibitive. The base value of \$50 per acre is recommended which is not based on market sales but rather is based on marketing the subject 'as is' and letting a buyer assume these cleanup costs and property restoration. It should be noted there is a substantial amount of scrap metal associated with the towers which will offset a portion of the razing costs. Further, there are 90-100 joints of used pipe all of which are approximately 40' long with about half being 2' and the other half being 3' diameter which have good value and will also offset the cleanup cost.

Photographs are included in the addenda that show the inordinate amount of rubbish and clean-up necessary.

#### Access

The subject parcel has legal access from the west and south having frontage on 8000 West and 200 North. There is no problem with access to any portion of the subject.

#### TERRAIN AND DRAINAGE

The subject is moderately well drained with the acreage being very flat. Soils include silty clay loam and silt loam which are both good quality soils which will produce good grazing. Twenty-four percent of the soil is strongly saline. This portion is located in the southwest portion of the farm in one block. This permits separate management of this block of land by using plants that will tolerate the saline conditions and planting the remainder of the subject into higher producing plants which will yield greater carrying capacity. The subject has been leveled and cleared of brush and greasewood in the past. If the block of land that has been tainted with the solar farm development is cleaned and restored to productive capacity the subject could be managed as grazing land.

The soils include the following classifications [a complete soils report is included in the addenda]:

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| Map Unit Symbol Map Unit Name |                                    | Acres in AOI | Percent of AOI |  |
|-------------------------------|------------------------------------|--------------|----------------|--|
| As                            | Anco silty clay loam               | 31.3         | 41.0%          |  |
| Ре                            | Penoyer silt loam                  | 26.5         | 34.7%          |  |
| Ph                            | Penoyer silt loam, strongly saline | 18.5         | 24.3%          |  |
| Totals for Area of Interest   |                                    | 76.3         | 100.0%         |  |



#### WATER RIGHTS

There are 10 acre feet of water rights that were formerly associated with the subject which are adequate to irrigate 2.5 acres according to Ron Cox of the Utah Division of Water Rights. The place of use is still shown by the Utah Division of Water Rights to be on the subject however the rights are still titled in Neldon Johnson and they are sourced from the 4.6 acre [adjoining parcel located on the south east] that is titled in Glenda Johnsons name. There is a 16" irrigation well in the Glenda Johnson corner parcel which is not included in the subject acreage which appears to have been the source for the water in the past. The well utilizes a semi-tractor with a large unattached diesel tank as the source of power to pump the water from the 940' well. No information was found regarding the condition of the well, pump or access to the well. The subject appears to have been irrigated in the past as it has earthen ditches for flood irrigation. Based on conversations with Clyde Bunker, Paul McCollum and Amy at the Irrigation office the water used to irrigate in the past was not surface sourced water but likely came from the irrigation well. The subject has not been

irrigated in many years it appears the water rights associated with the subject were used in the development of the solar enterprise. Included in this report is an extraordinary assumption in which it is assumed that the 10 acre feet of water rights [right #68-526] are not included in the subject. If this water right is included it will negate the opinion of value derived herein. Further, there are additional water rights that were and are part of #68-526 that are also designated for use on the subject. These rights are clearly not part of the subject but may provide an opportunity to be acquired for use on the subject.

#### Utilities

There no utilities available on the subject property.

#### Zoning

The subject is zoned agriculture 20 which permits one residential unit per 20 acres which would permit 2 residential units on the subject. However, there are no residential units in the area nor are there utilities and thus the zoning has minimal impact on the value of the subject.

#### History

The subject was transferred to International Automated Systems by quit claim deed from Neldon Johnson on August 30, 2007.

| Entry Number 00162604 | Book<br>471          | Page<br>630        | Recording Date 08/30/2007 03:18:11 PM |              |
|-----------------------|----------------------|--------------------|---------------------------------------|--------------|
| Fee \$17.00           | Consideration \$10.0 |                    | Instrument Date 08/30/2007            |              |
| From                  |                      |                    | То                                    |              |
| JOHNSON, NELDON       | I                    | NTERNATIONAL AUTOM | ATED SYSTEMS                          |              |
|                       |                      |                    |                                       |              |
| Parcel Number         |                      | 1                  | Account Number                        | Vesting Deed |
| HD-4609               | 0105156 <u>Acc</u>   | ount               |                                       | ✓            |
| HD-4654               | 0160896 <u>Acc</u>   | ount               |                                       |              |
| HD-4657               | 0160912 <u>Acc</u>   | ount               |                                       | ×.           |
| HD-4658-1             | 0180282 <u>Acc</u>   | ount               |                                       | Ø            |
| Related Information   |                      |                    |                                       |              |

#### MANAGEMENT AND USE

The subject has been idle property without management for the past few years. The majority of the surface is cleared and idle. The soil is adequate for plant growth without irrigation. Annual precipitation in the area is low [8.6" annual based on NOAA] which will limit plant growth however there are multiple plant varieties that will grow in these conditions [i.e. Russian Wildrye, Forage Kochia, Siberean Wheatgrass and other varieties] that could be planted and grazed. The subject could also be used for recreational purposes that would not be based on plant growth. The estimated 24 acres that is encumbered with

the remains of the solar development enterprise is problematic from several aspects including the following:

- 1. It is aesthetically displeasing.
- 2. The structures provide no contributory value to the subject and could be dangerous to remove without proper equipment and expertise.
- 3. Cleanup cost estimates vary widely, and soil remediation cost is unknown.
- 4. There are likely buyers that will be attracted to the property given the potential metal value from the scrap and used pipe if given incentive to purchase at a base value.

#### EASEMENTS, ENCROACHMENTS AND DEED RESTRICTIONS

There are no unusual easements, encroachments or deed restrictions which would impact the value of the property.

#### TAXATION

Taxes for the subject property are \$1,657 based on market value of \$146,850 [\$1,948 per acre] which is far beyond the high end of the range of market value. The taxes are not based on green belt agricultural use.

| Location   | <u>Owner</u>   | <u>Value</u>                    |
|--|--|---------------------------------|
| ity<br>arcel Number HD-4658-1<br>egal N12 NW1/4 SEC 11, T175, R8W, SLM. LESS SW COR NW1/4 NW1/4 SEC 11, N 0*48'32" E<br>34 51 FT ALG SEC UN, N 78'41'15" E 680 FT, S 03'07'08" W 378.38 FT TO S BDRY SD NW1/4<br>W1/4, N 89'07'23" W 649:59 FT ALG SD S BDRY TO BEG.<br>crears 75:40<br>arch Parcels HD-4588<br>ax District 13 - HINCKLEY DESERET CEMETERY<br>ew Account Tax Year<br>hild Parcels<br>ccount Number<br>arcel Number | Name INTERNATIONAL AUTOMATED SYSTEMS<br>CIO: KLEIN, WAYNE RECEIVER<br>PO BOX 1835<br>SALT LAKE CITY, UT 84110-1836 | Error getting taxes to display. |
|  | <u>Transfers</u>   |                                 |
|  | Doc Description<br><u>Wty Deed</u><br>Quit Claim Deed  |                                 |

Improvements

The subject has no improvements.

DISADVANTAGES OF THE SUBJECT

- The subject is only partially fenced which limits grazing use.
- Unknown condition of well, pump and water distribution lines.
- The massive cleanup with unknown total cost is a major factor limiting value for the subject.
- The lack of infrastructure to the lots reduces opportunities for development.

Advantages of the Subject

- The subject has good county road frontage.
- The location is near working farms and developed communities.
- The area is easily accessed from Delta and surrounding communities and is 45 minutes from I-15 which provides good recreational opportunity.
- Based on listed properties for sale in the area, the subject is unique in size and location.
- Some buyers may be attracted to the subject as a cleanup project whereby they can capitalize on the current relatively high price of scrap metal and the good used pipe on the subject.

# DATA ANALYSIS AND CONCLUSIONS

HIGHEST AND BEST USE

Paramount to the appraisal process is the determination of the highest and best use of the subject property.

Highest and best use is defined as:

The reasonably probable and legal use of vacant land or an improved property which is physically possible, maximally productive that results in the highest value. It is that use of land which may be reasonably expected to produce the greatest net return over a given period or over the remaining life of the improvement. The location of the subject is outside the irrigation water distribution system and utility infrastructure which when coupled with the lack of water rights and low annual precipitation results in only a few likely uses for the property.

There are four principles in the definition which require examination which indicate the highest and best use of the property.

First, Physically Possible –

- Agricultural Grazing: Physically Possible
- Residential Development: Physically Possible
- Recreation: Physically Possible

Second, Legally Permissible –

- Agricultural Grazing: Legal
- Residential Development: Legal
- Recreation: Legal

Third, Financially Feasible –

- Agricultural Grazing: Feasible
- Residential Development: Marginally Feasible lack of infrastructure
- Recreation: Feasible

Fourth, Maximally Productive –

- Agricultural Grazing Maximally Productive
- Residential Development Supportive
- Recreation: Maximally Productive

Highest and Best Use -

The highest and best use is recreation & grazing.

THE APPRAISAL PROCESSES

An appraisal is an estimate of value; it is an opinion of value. Its accuracy depends on the basic competence and integrity of the appraiser and on the soundness and skill by which he processes the data. The professional appraiser seeks current facts and he seeks to be practical. The appraiser's opinion must be without bias. As with other types of markets the real property appraiser does not make the market but rather interprets the market.

The appraisal process involves three approaches to value: 1) The Cost Approach; 2) The Income Approach; 3) The Sales Comparison Approach. All three approaches are used in the appraisal process, but most often, one or two approaches are given more weight by the appraiser because of the type of properties being appraised.

The Cost Approach involves the replacement on reproduction costs of a property less allowance for Physical Deterioration, Functional and Economic Obsolescence. This approach tends to set the upper limit of value. **The cost approach is not used as the land is vacant and all acres are in one land class.** 

The Income Approach involves estimated gross incomes and subtracting estimated expenses to arrive at a net income to then be capitalized for value. Net income can be derived from and owner-operator, a share crop on a cash rent basis. **The Income Approach is not used as the subject and sales are not income producing properties.** 

The Sales Comparison Approach compares the subject top sales of similar properties. The sales are analyzed to compare the similarities of sales and subject. Adjustments are made when needed, as to time, location, size, etc. All three approaches derive their information requirements from market sales data of the similar properties.

#### SALES APPROACH TO VALUE

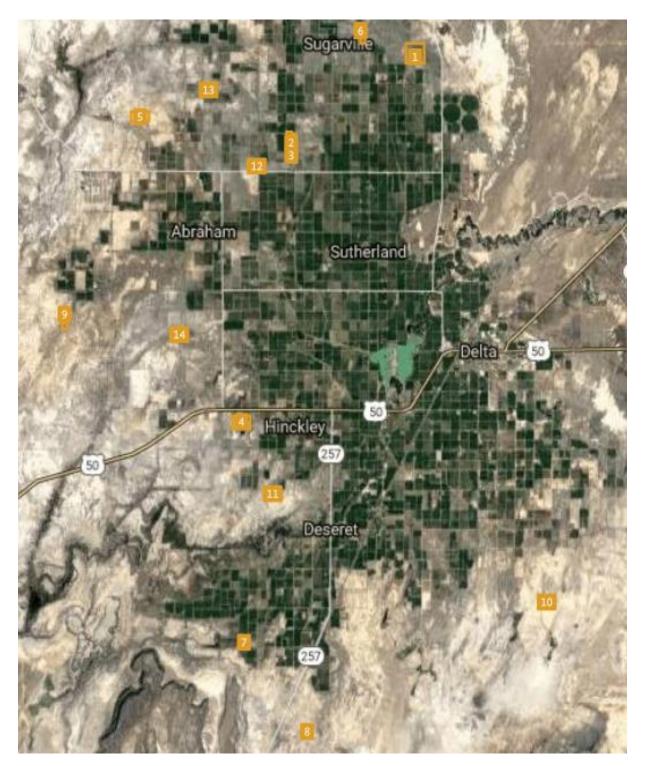
In the Sales Approach, the subject property is compared to sales of similar properties. The sales are analyzed to bring out similar characteristics to common denominators. Adjustments are made, when necessary, to allow for differences of date of sale (time), location, size of property, condition of property, terms of financing, conditions of sale, or building improvements.

In this approach, the appraiser attempts to apply the principle of substitution. This principle states that a prudent man will not pay more for a given property than it would cost him to buy another equally desirable or similar property. On the other hand, a well-informed seller will sell a property for no less than what similar properties are selling for.

The Sales Approach involves analyzing sales of similar properties to the subject property being appraised. All details of the sales must be studied at length for proper analysis. These items include sale identification, buyer-seller motivation, and proper compensations. As no two properties are identical, it is up to the appraiser to make proper judgments on each sale property toward the subject property for such major factors as time, size, location, productivity, sale terms, sale conditions, and improvements. It is those properties which are most comparable to the subject and thus, require the least number of adjustments that will give the appraiser the best indications of value. This approach will gather strength with the increase in the number of sales the appraiser has to choose from and analyze for comparison. SALES

There are 13 sales within the market area which are included in the sales analysis. These sales have been selected from a larger group as best representing the subject property. The sales are good for time ranging from March 2017 to December 2018. Access includes sales with and without frontage, paved, gravel and dirt roads. One sale has livestock ground water rights that requires a new well. The sales have varying soil quality ranging from loam soils of statewide importance to highly saline soils that are unproductive. The sales vary in location, but all share common surface features of being dry without irrigation rights. Sale size ranges from 159 acres on the high end to 20 acres on the small end. In normal land sale markets, trends appear that are connected to location, soil quality, access, size and other value contributing features. In this case, no trends appear that are consistent and reliable. A general assumption can be made such as the smaller acreage sales tend to have the higher sale prices. Water rights tend to provide added value which also results in the higher sale prices, but these are rough trends at best. Further, conversations with buyers, sellers, realtors and appraisers all agree that the market in this area is irrational and without reliable trends and value indicators which eliminate the pair matching process. This requires appraiser judgment in selecting a value based on a single sale that best matches with the subject on which to establish an opinion of value.

SALES LOCATION MAP



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|                | Sale 1         | Sale 2/3       | Sale 4          | Sale 5         | Sale 6     | Sale 7   |
|----------------|----------------|----------------|-----------------|----------------|------------|----------|
| Sale Date      | Aug-17         | Nov-18         | Dec-17          | Jul-18         | Jun-17     | Aug-17   |
| Seller         | Tolbert        | Boque          | Lasater         | Matousek       | Andrson    | Dewsnip  |
|                | Magnum         |                |                 |                |            |          |
| Buyer          | Holdings       | Cruz           | NG              | Uharriet       | Mosher     | Maddox   |
| Financing      | Cash           | Seller Finance | Cash            | Seller Finance | Cash       | Cash     |
|                |                |                |                 |                |            |          |
| Area Location  | Sugarville     | Abraham        | Hinkley         | Abraham        | Sugarville | Deseret  |
|                | Sec 2 T16S     | Sec 18 T16S    | Sec 24 T17S     | Sec 9 T16S     | Sec 33     | Sec 13   |
| Legal/Address  | R7W            | R7W            | R8W             | R8W            | T15S R7W   | T18S R8W |
|                |                |                |                 |                |            |          |
| Frontage       | 7500 N 2000 W  | 5500 N         | 2000 S          | 9000 W         | 7500 N     | 7500 S   |
| Acres          | 159.4          | 116.27         | 105.53          | 80             | 60         | 40       |
| Sales Price    | \$40,000       | \$46,400       | \$52,800        | \$29,040       | \$21,000   | \$10,000 |
| Sale Price/Ac  | \$251          | \$399          | \$500           | \$363          | \$350      | \$250    |
| Days on Market | 167            | 98             | 372             | 223            | 19         | 28       |
|                |                |                |                 |                | MLS        | MLS      |
|                |                |                |                 | MLS 1499832    | 1441619,   | 1473396, |
|                | MLS 1434175,   | MLS 1549136,   | MLS 1419071,    | and County     | County     | County   |
| Confirmed by:  | County Records | County Records | County Records  | Records        | Records    | Records  |
|                |                |                | Water Right 56  |                |            |          |
|                |                |                | ELU, Well needs |                |            |          |
| Comments       |                |                | to be redrilled |                |            |          |
| Soils          |                |                |                 |                |            |          |
| Good           |                | 94.00          | 105.53          |                | 57.50      | 40.00    |
| Saline         | 159.40         | 22.27          | -               | 80.00          | 2.50       | -        |
| Percent Good   | 0%             | 81%            | 100%            | 0%             | 96%        | 100%     |
|                |                |                |                 |                |            |          |

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|                | Sale 8       | Sale 9     | Sale 10    | Sale 11  | Sale 12  | Sale 13    | Sale 14     |
|----------------|--------------|------------|------------|----------|----------|------------|-------------|
| Sale Date      | inder Contra | Dec-18     | Dec-18     | Aug-18   | Oct-18   | Jul-18     | Mar-17      |
| Seller         | Black Briar  | Koester    | Skousen    | Owens    | Heath    | Witbeck    | Sayegh      |
|                |              |            |            |          |          |            |             |
| Buyer          |              | Kinsman    | Yi         | Macedo   | Remkes   | Ismay      | Medrano     |
| Financing      | Cash         | Cash       | Cash       | Cash     | Cash     | Cash       | Cash        |
|                | S of         |            | E of       |          |          |            |             |
| Area Location  | Deseret      | Abraham    | Deseret    | Deseret  | Abraham  | Sugarville | Abraham     |
|                | Sec 32       | Sec 6 T17S | Sec 8 T18S | Sec 31   | Sec 13   | Sec 2 T16S | Sec 10 T17S |
| Legal/Address  | T18S R7W     | R8W        | R6W        | T17S R7W | T16S R8W | R8W        | R8W         |
|                |              |            |            |          | 4500 N   | 6500 N     |             |
| Frontage       | Dirt         | None       | 2000E      | 3500 S   | 6000 W   | 7500 W     | None        |
| Acres          | 40           | 40         | 40         | 40       | 20       | 20         | 20          |
| Sales Price    | \$13,000     | \$9,000    | \$8,000    | \$16,000 | \$6,000  | \$12,000   | \$9,800     |
| Sale Price/Ac  | \$325        | \$225      | \$200      | \$400    | \$300    | \$600      | \$490       |
| Days on Market | 158          | 193        | 75         | 96       | 132      | 150        | 144         |
|                | MLS          | MLS        | MLS        | MLS      | MLS      | MLS        | MLS         |
|                | 1559984,     | 1534712,   | 1561348,   | 1519703, | 1519331, | 1504992,   | 1419153,    |
|                | County       | County     | County     | County   | County   | County     | County      |
| Confirmed by:  | Records      | Records    | Records    | Records  | Records  | Records    | Records     |

| Comments     |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|
| Soils        |       |       |       |       |       |       |       |
| Good         | 40.00 | 40.00 | 26.84 |       | 20.00 | 20.00 |       |
| Saline       | -     | -     | 13.16 | 40.00 |       |       | 20.00 |
| Percent Good | 100%  | 100%  | 67%   | 0%    | 100%  | 100%  | 0%    |

#### CONCLUSION TO SALES APPROACH

The sales approach is used to establish the market value of the subject with the surface cleaned of all structures and debris. It does not include any required soil remediation as the need [if any] and associated costs will not be known until a Phase I Environmental Audit is completed. The sales comparison approach is the best and only indicator of value in this case as there are no indicated adjustments required to align the sales with the subject. The subject sales are best matched to sale #2. This sale is chosen as it reflects the following contributory values:

- Size
- Acres that have been cleared and cropped in the past
- Currently all acres are dry and likely to remain dry
- Similar access
- Similar soils

The indicated price per acre from the sale for the subject is \$400 per acre.

'Remediated Value' - \$30,160 - Rounded \$30,000

The base value of \$50 per acre is recommended which is not based on market sales but rather is based on marketing the subject 'as is' and letting a buyer assume these cleanup costs and property restoration. It should be noted there is a substantial amount of scrap metal associated with the towers which will offset a portion of the razing costs.

'As Is' Value - \$3,770 – Rounded \$3,800

#### RECONCILIATION AND CONCLUSION TO VALUE

Sales Approach - \$30,000 – 'Remediated"

Sales Approach - \$3,800 – 'As Is'

The subject is a combination of open dry grazing land that at some point in time was leveled and cropped. The use changed when Neldon Johnson quit claimed the subject to International Automated Systems. This use change was when the surface was then developed or used for the Solar Farm development. As of the date of inspection, the land is all vacant acres with no building improvements that provide contributory value, but the 24 acres are encumbered with the solar structures and old abandoned support structures which require razing in order to restore the full use of the subject. Using the cost approach to establish a market value which is then adjusted for cleanup lacks credibility as the land would have a negative value which does not reflect the actual value of the subject as is or clean. This leaves the sales approach which is the proper approach on which to establish an opinion of value. The sales approach was a valid approach as there are plentiful sales in the market area of the subject which provide a well-supported opinion of value of the subject. These sales are thus analyzed and the sale most like the subject used to project an opinion of value for the subject 'Remediated'. The 'as is' value is based on appraiser judgment which will transfer the land through a sale with the land in present condition with the buyer taking the responsibility of cleanup and surface restoration. The market value 'Remediated' based on the sales approach is:

#### "Market Value"

#### \$30,000 - Thirty Thousand Dollars

#### The market value 'As Is':

#### \$3,800 – Three Thousand Eight Hundred Dollars

The definition of market value as established earlier in this report is based upon the assumption that the property is to be exposed to the market for enough time for buyers and seller to be properly established. The time for this property to be on the market for that process to occur is 12 months.

# CERTIFICATE OF APPRAISAL

The undersigned does hereby certify as follows:

- 1. I have inspected the property. The values arrived at in this appraisal are based upon as-is condition of the property as of the date of the property inspection.
- 2. I have no present or contemplated future interest in the real estate that is the object of this appraisal report.
- 3. I have no personal interest of bias with respect to the subject matter of this appraisal report or the parties involved.
- 4. To the best of my knowledge and belief, the statements of fact contained in this appraisal report, upon which the analyses, opinions and conclusions expressed herein are true and correct.
- 5. This appraisal report has been made in conformity with and is the subject to the requirement of the Code of Professional Ethics and Standards of Professional Conduct of the American Society of Farm Managers and Rural Appraisers. This appraisal report conforms to all uniform standards that pertain to agricultural appraisals.
- 6. This appraisal assignment was not based on a requested minimum valuation, a specific valuation, or approval of a loan.
- 7. The appraiser is competent and properly licensed/certified to prepare the appraisal. The appraiser's state registration/certification has not been revoked, suspended, canceled or restricted.
- 8. The appraiser is familiar with the current USPAP and has completed this appraisal using those requirements. The appraiser has currently completed the continuing education programs of the American Society of Farm Managers and Rural Appraisers.
- 9. The subject property known as the International Automated Systems HD-4658-1 in Abraham, Millard County, Utah is valued as of March 26, 2019 for \$30,000 'Remediated, \$3,800 'As Is'.

Alonias Byr

Utah Certified General Appraiser Certificate # 5477369-CG00 Expires 11/24/19

# A D D E N D A

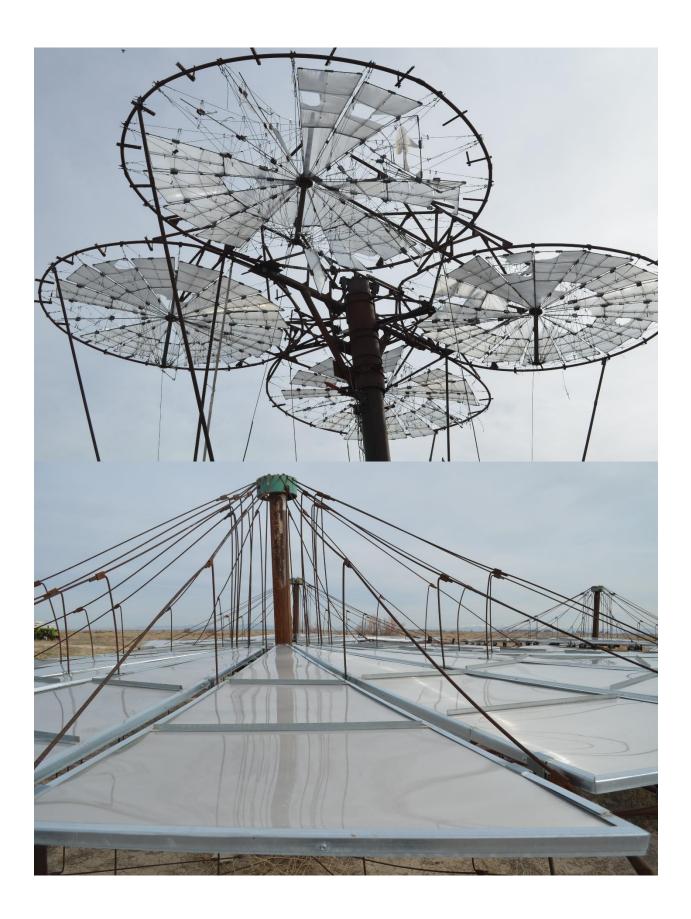
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Photographs











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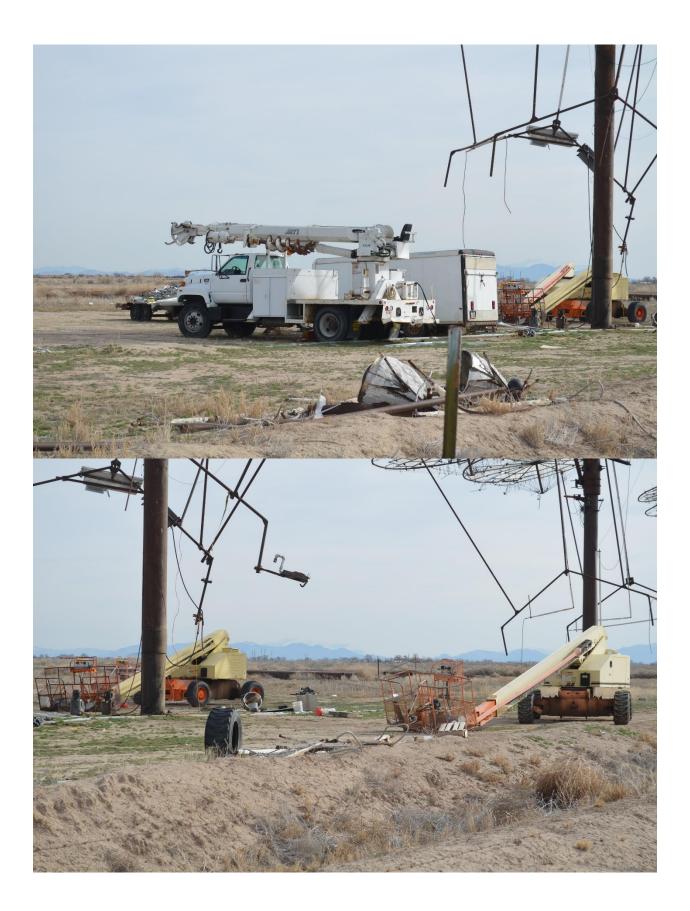




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SUBJECT SOILS REPORT



United States Department of Agriculture

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants Custom Soil Resource Report for Delta Area, Utah -Part of Millard County



# Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2\_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

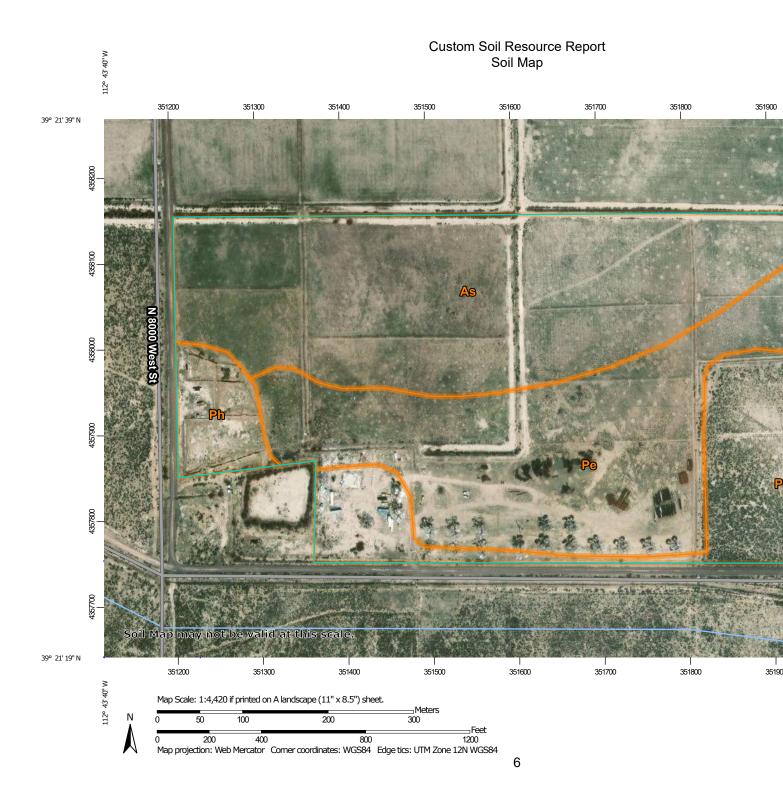
alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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| Legend                                    | 7  |
| Map Unit Legend                           |    |
| Map Unit Descriptions                     | 8  |
| Delta Area, Utah - Part of Millard County |    |
| As—Anco silty clay loam                   | 10 |
| Pe—Penoyer silt loam                      | 11 |
| Ph—Penoyer silt loam, strongly saline     | 12 |

# Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



| MAP LEGEND             |                        |                    | MAP INFOR                   |  |  |
|------------------------|------------------------|--------------------|-----------------------------|--|--|
| Area of Interest (AOI) |                        | (AOI) 🗃 Spoil Area |                             | The soil surveys that comprise your .  |  |
|                        | Area of Interest (AOI) | ۵                  | Stony Spot                  | 1:20,000.  |  |
| Soils                  |                        | å                  | Very Stony Spot             | Warning: Soil Map may not be valid   |  |
|                        | Soil Map Unit Polygons | \$                 | Wet Spot                    | Warning. Soli Map may not be value   |  |
| ~                      | Soil Map Unit Lines    | ∆                  | Other                       | Enlargement of maps beyond the sc  |  |
|                        | Soil Map Unit Points   |                    | Special Line Features       | misunderstanding of the detail of ma<br>line placement. The maps do not sho  |  |
| Special Point Features |                        | Water Fea          |                             | contrasting soils that could have bee  |  |
| ၑ                      | Blowout                |                    | Streams and Canals          | scale.   |  |
| $\boxtimes$            | Borrow Pit             | Transport          | tation                      | Please rely on the bar scale on each   |  |
| ×                      | Clay Spot              | +++                | Rails                       | measurements.  |  |
| $\diamond$             | Closed Depression      | ~                  | Interstate Highways         | Source of Man: Notural Resources   |  |
| X                      | Gravel Pit             | ~                  | US Routes                   | Source of Map: Natural Resources<br>Web Soil Survey URL:   |  |
| 0<br>0 0               | Gravelly Spot          | $\sim$             | Major Roads                 | Coordinate System: Web Mercator  |  |
| 0                      | Landfill               | ~                  | Local Roads                 | Maps from the Web Soil Survey are  |  |
| A.                     | Lava Flow              | Backgrou           | projection, which preserves |  |  |
| عليه                   | Marsh or swamp         | Ma.                | Aerial Photography          | distance and area. A projection that<br>Albers equal-area conic projection, s  |  |
| 衆                      | Mine or Quarry         |                    |                             | accurate calculations of distance or a   |  |
| 0                      | Miscellaneous Water    |                    |                             | This product is generated from the U   |  |
| 0                      | Perennial Water        |                    |                             | of the version date(s) listed below.   |  |
| V                      | Rock Outcrop           |                    |                             | Soil Survey Area: Delta Area, Utah   |  |
| +                      | Saline Spot            |                    |                             | Survey Area Data: Version 10, Ser  |  |
| •<br>••                | Sandy Spot             |                    |                             | Soil map units are labeled (as space   |  |
| -                      | Severely Eroded Spot   |                    |                             | 1:50,000 or larger.  |  |
| 0                      | Sinkhole               |                    |                             |  |  |
| »                      | Slide or Slip          |                    |                             | Date(s) aerial images were photogra<br>12, 2017  |  |
| ø                      | Sodic Spot             |                    |                             |  |  |
| <u>(</u>               |                        |                    |                             | The orthophoto or other base map o<br>compiled and digitized probably diffe<br>imagery displayed on these maps. A<br>shifting of map unit boundaries may |  |

7

## **Map Unit Legend**

| Map Unit Symbol             | Map Unit Name                      | Acres in AOI | Percent of AOI |  |  |
|-----------------------------|------------------------------------|--------------|----------------|--|--|
| As                          | Anco silty clay loam               | 31.3         | 41.0%          |  |  |
| Ре                          | Penoyer silt loam                  | 26.5         | 34.7%          |  |  |
| Ph                          | Penoyer silt loam, strongly saline | 18.5         | 24.3%          |  |  |
| Totals for Area of Interest |                                    | 76.3         | 100.0%         |  |  |

## **Map Unit Descriptions**

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the

development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

### Delta Area, Utah - Part of Millard County

#### As—Anco silty clay loam

#### Map Unit Setting

National map unit symbol: j5yp Elevation: 4,500 to 4,800 feet Mean annual precipitation: 6 to 8 inches Mean annual air temperature: 48 to 52 degrees F Frost-free period: 115 to 120 days Farmland classification: Farmland of statewide importance

#### Map Unit Composition

Anco and similar soils: 90 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Anco**

#### Setting

Landform: Deltas, flood plains Landform position (three-dimensional): Talf Down-slope shape: Linear Across-slope shape: Linear, concave Parent material: Alluvium and/or lacustrine deposits

#### **Typical profile**

H1 - 0 to 7 inches: silty clay loam
H2 - 7 to 21 inches: silty clay loam
H3 - 21 to 33 inches: silt loam
H4 - 33 to 41 inches: loamy fine sand
H5 - 41 to 49 inches: silty clay loam
H6 - 49 to 61 inches: silt loam

#### **Properties and qualities**

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 13.0
Available water storage in profile: Moderate (about 7.8 inches)

#### Interpretive groups

Land capability classification (irrigated): 2w Land capability classification (nonirrigated): 7s Hydrologic Soil Group: C Ecological site: Alkali Flat (Black Greasewood) (R028AY004UT)

#### Custom Soil Resource Report

Hydric soil rating: No

#### **Minor Components**

## Abbott

Percent of map unit: 5 percent Landform: Deltas, flood plains Landform position (three-dimensional): Dip Down-slope shape: Linear Across-slope shape: Linear, concave Ecological site: Alkali Flat (Black Greasewood) (R028AY004UT) Hydric soil rating: Yes

## Abraham

Percent of map unit: 5 percent

## Pe—Penoyer silt loam

## Map Unit Setting

National map unit symbol: j5zp Elevation: 4,500 to 4,800 feet Mean annual precipitation: 6 to 8 inches Mean annual air temperature: 48 to 52 degrees F Frost-free period: 115 to 120 days Farmland classification: Farmland of statewide importance

## Map Unit Composition

Penoyer and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Penoyer**

#### Setting

Landform: Deltas, flood plains Landform position (three-dimensional): Talf Down-slope shape: Linear Across-slope shape: Linear, concave Parent material: Alluvium and/or lacustrine deposits

#### **Typical profile**

H1 - 0 to 5 inches: silt loam H2 - 5 to 15 inches: silt loam H3 - 15 to 60 inches: silt loam

## **Properties and qualities**

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

## Custom Soil Resource Report

Depth to water table: More than 80 inches Frequency of flooding: None Frequency of ponding: None Calcium carbonate, maximum in profile: 35 percent Gypsum, maximum in profile: 1 percent Salinity, maximum in profile: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm) Sodium adsorption ratio, maximum in profile: 13.0 Available water storage in profile: Moderate (about 8.4 inches)

#### Interpretive groups

Land capability classification (irrigated): 2c Land capability classification (nonirrigated): 7s Hydrologic Soil Group: B Ecological site: Desert Silt Flat (Winterfat) (R028AY140UT) Hydric soil rating: No

## **Minor Components**

#### Uffens

Percent of map unit: 5 percent

## Hiko springs, hardpan variant

Percent of map unit: 5 percent

#### Anco

Percent of map unit: 5 percent

## Ph—Penoyer silt loam, strongly saline

## Map Unit Setting

National map unit symbol: j5zq Elevation: 4,500 to 4,800 feet Mean annual precipitation: 6 to 8 inches Mean annual air temperature: 48 to 52 degrees F Frost-free period: 115 to 120 days Farmland classification: Not prime farmland

## Map Unit Composition

Penoyer and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

## **Description of Penoyer**

#### Setting

Landform: Deltas, flood plains Landform position (three-dimensional): Talf Down-slope shape: Linear Across-slope shape: Linear, concave Parent material: Alluvium and/or lacustrine deposits

#### Custom Soil Resource Report

#### **Typical profile**

*H1 - 0 to 5 inches:* silt loam *H2 - 5 to 15 inches:* silt loam *H3 - 15 to 60 inches:* silt loam

## **Properties and qualities**

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 35 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Strongly saline (16.0 to 32.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 13.0
Available water storage in profile: Low (about 3.6 inches)

## Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7s Hydrologic Soil Group: B Ecological site: Alkali Flat (Black Greasewood) (R028AY004UT) Hydric soil rating: No

## **Minor Components**

#### Yuba

Percent of map unit: 5 percent

#### Anco, strongly saline

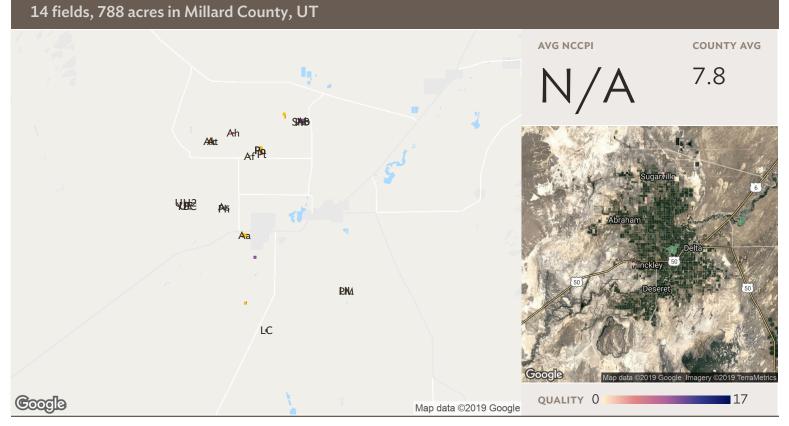
Percent of map unit: 5 percent

## Abraham, strongly saline

Percent of map unit: 5 percent

SALES SOILS REPORTS

Fields | Soil Survey April 11, 2019



Source: NRCS Soil Survey

## All fields

788 ac

| SOIL | SOIL DESCRIPTION                                | ACRES PER | CENTAGE OF | SOIL  | NCCPI |
|------|---|-----------|------------|-------|-------|
| CODE |   |           | FIELD      | CLASS |       |
| Aa   | Abbott silty clay                               | 254.55    | 32.3%      | 7     | 2.6   |
| Ab   | Abbott silty clay, strongly saline              | 157.97    | 20.0%      | 7     | 0.1   |
| Ak   | Abraham loam, strongly saline                   | 69.13     | 8.8%       | 7     | 0.1   |
| Pr   | Poganeab silty clay loam, strongly saline       | 43.78     | 5.6%       | 7     | 0.1   |
| Ah   | Abraham loam                                    | 42.41     | 5.4%       | 7     | 2.9   |
| UL   | Uvada silt loam                                 | 40.76     | 5.2%       | 7     | 0.1   |
| LC   | Lahontan silty clay loam, sandy subsoil variant | 40.17     | 5.1%       | 8     | 0.1   |
| At   | Anco silty clay loam, strongly saline           | 27.74     | 3.5%       | 7     | 0.1   |
| Ро   | Poganeab silty clay loam                        | 19.75     | 2.5%       | 7     | 3.6   |
| Ph   | Penoyer silt loam, strongly saline              | 17.77     | 2.3%       | 7     | 0.1   |

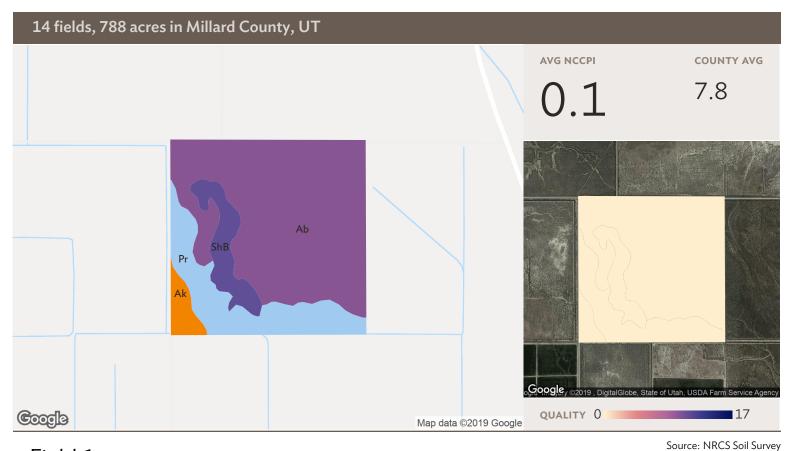
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## Fields | Soil Survey April 11, 2019

| UH2   | Uffens-Uvada silt loams, eroded            | 14.97 | 1.9% | 7 | 0.1 |
|-------|--|-------|------|---|-----|
| ShB   | Shear silty clay, 1 to 5 percent slopes    | 14.29 | 1.8% | 7 | 0.1 |
| PM    | Playas                                     | 13.19 | 1.7% |   | N/A |
| UE    | Uffens silt loam                           | 12.79 | 1.6% | 7 | 0.1 |
| Pt    | Poganeab silty clay loam, sandy substratum | 11.20 | 1.4% | 7 | 3.8 |
| Af    | Abbott silty clay, sandy substratum        | 7.57  | 1.0% | 7 | 3.1 |
| As    | Anco silty clay loam                       | 0.41  | 0.1% | 7 | 5.0 |
| ■ YBC | Yenrab fine sand, undulating               | 0.00  | 0.0% | 7 | 2.1 |
|       |  |       |      |   | N/A |
|       |  |       |      |   |     |

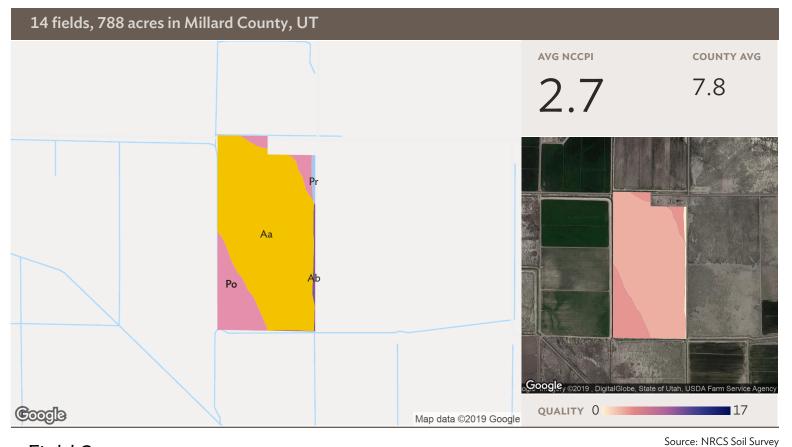
## Fields | Soil Survey April 11, 2019



## Field 1

| SOIL | SOIL DESCRIPTION                          | ACRES PER |       | SOIL  | NCCPI |
|------|---|-----------|-------|-------|-------|
| CODE |   |           | FIELD | CLASS |       |
| Ab   | Abbott silty clay, strongly saline        | 109.73    | 67.7% | 7     | 0.1   |
| Pr   | Poganeab silty clay loam, strongly saline | 31.97     | 19.7% | 7     | 0.1   |
| ShB  | Shear silty clay, 1 to 5 percent slopes   | 14.29     | 8.8%  | 7     | 0.1   |
| Ak   | Abraham loam, strongly saline             | 6.01      | 3.7%  | 7     | 0.1   |
|      |   | 161.99    |       |       | 0.1   |

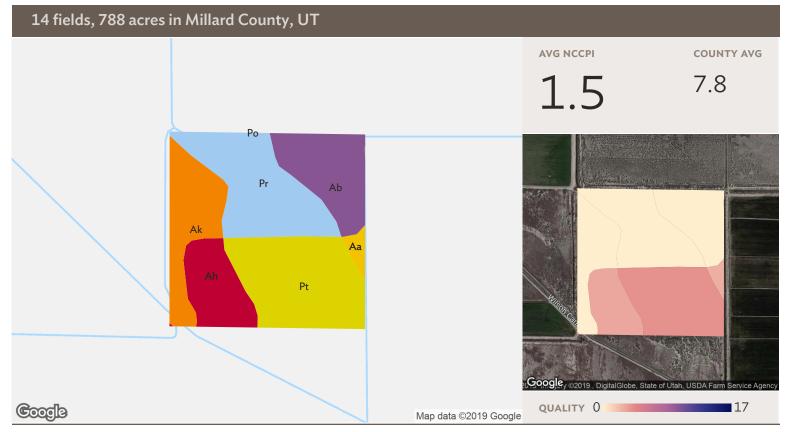
## Fields | Soil Survey April 11, 2019



## Field 2

| SOIL<br>CODE | SOIL DESCRIPTION                          | ACRES PE | RCENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|--------------|---|----------|----------------------|---------------|-------|
| Aa           | Abbott silty clay                         | 61.87    | 80.2%                | 7             | 2.6   |
| Po           | Poganeab silty clay loam                  | 14.06    | 18.2%                | 7             | 3.6   |
| Ab           | Abbott silty clay, strongly saline        | 0.68     | 0.9%                 | 7             | 0.1   |
| Pr           | Poganeab silty clay loam, strongly saline | 0.57     | 0.7%                 | 7             | 0.1   |
|              |   | 77.19    |                      |               | 2.7   |

## Fields | Soil Survey April 11, 2019



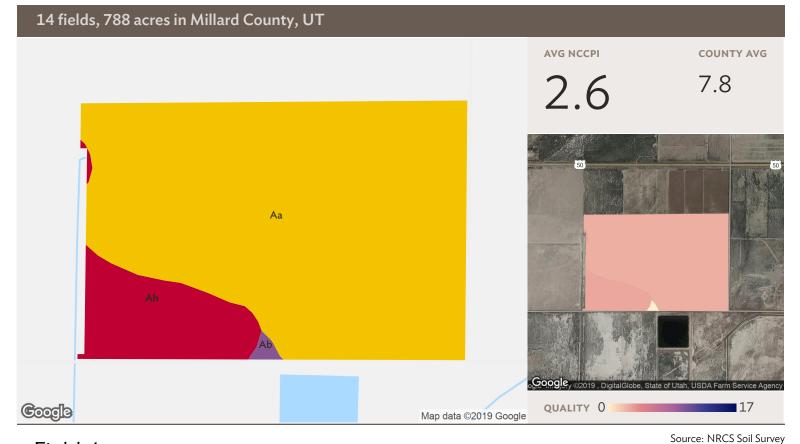
Source: NRCS Soil Survey

## Field 3

| SOIL<br>CODE | SOIL DESCRIPTION                           | ACRES PERC | ENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|--------------|--|------------|--------------------|---------------|-------|
| Pt           | Poganeab silty clay loam, sandy substratum | 11.20      | 27.7%              | 7             | 3.8   |
| Pr           | Poganeab silty clay loam, strongly saline  | 10.55      | 26.1%              | 7             | 0.1   |
| Ak           | Abraham loam, strongly saline              | 6.67       | 16.5%              | 7             | 0.1   |
| Ab           | Abbott silty clay, strongly saline         | 6.44       | 15.9%              | 7             | 0.1   |
| Ah           | Abraham loam                               | 4.97       | 12.3%              | 7             | 2.9   |
| Aa           | Abbott silty clay                          | 0.56       | 1.4%               | 7             | 2.6   |
| Po           | Poganeab silty clay loam                   | 0.08       | 0.2%               | 7             | 3.6   |
|              |  | 40.47      |                    |               | 1.5   |



## Fields | Soil Survey April 11, 2019



## Field 4

| SOIL<br>CODE | SOIL DESCRIPTION                   | ACRES  | PERCENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|--------------|------------------------------------|--------|------------------------|---------------|-------|
| Aa           | Abbott silty clay                  | 90.09  | 86.0%                  | 7             | 2.6   |
| Ah           | Abraham loam                       | 14.32  | 13.7%                  | 7             | 2.9   |
| Ab           | Abbott silty clay, strongly saline | 0.39   | 0.4%                   | 7             | 0.1   |
|              |                                    | 104.81 |                        |               | 2.6   |

# AcreValue 14 fields, 788 acres in Millard County, UT Ar </

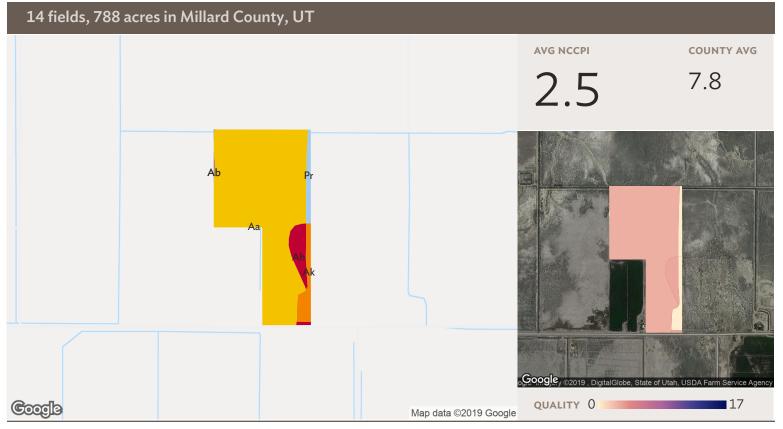
## Field 5

80 ac

| SOIL | SOIL DESCRIPTION                      | ACRES PER | ACRES PERCENTAGE OF |       | NCCPI |
|------|---------------------------------------|-----------|---------------------|-------|-------|
| CODE |                                       |           | FIELD               | CLASS |       |
| Ak   | Abraham loam, strongly saline         | 54.43     | 68.2%               | 7     | 0.1   |
| At   | Anco silty clay loam, strongly saline | 25.36     | 31.8%               | 7     | 0.1   |
|      |                                       | 79.79     |                     |       | 0.1   |

Source: NRCS Soil Survey

## Fields | Soil Survey April 11, 2019

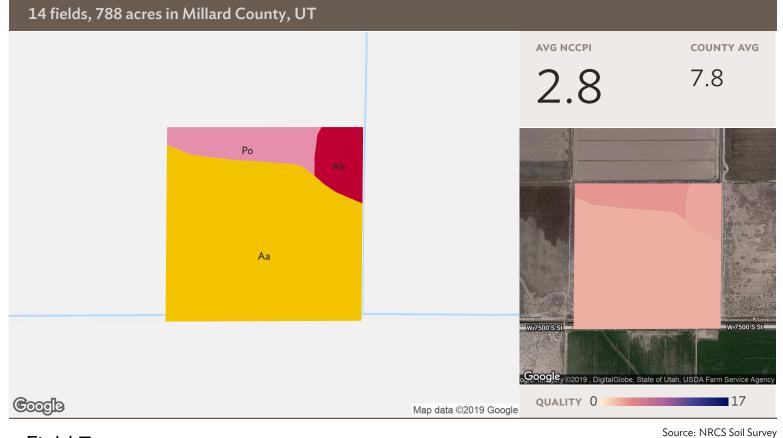


Field 6

Source: NRCS Soil Survey

| SOIL<br>CODE | SOIL DESCRIPTION                          | ACRES PER | CENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|--------------|---|-----------|---------------------|---------------|-------|
| Aa           | Abbott silty clay                         | 54.10     | 89.4%               | 7             | 2.6   |
| Ah           | Abraham loam                              | 3.40      | 5.6%                | 7             | 2.9   |
| Ak           | Abraham loam, strongly saline             | 2.02      | 3.3%                | 7             | 0.1   |
| Pr           | Poganeab silty clay loam, strongly saline | 0.69      | 1.1%                | 7             | 0.1   |
| Ab           | Abbott silty clay, strongly saline        | 0.30      | 0.5%                | 7             | 0.1   |
|              |   | 60.50     |                     |               | 2.5   |

## Fields | Soil Survey April 11, 2019



## Field 7

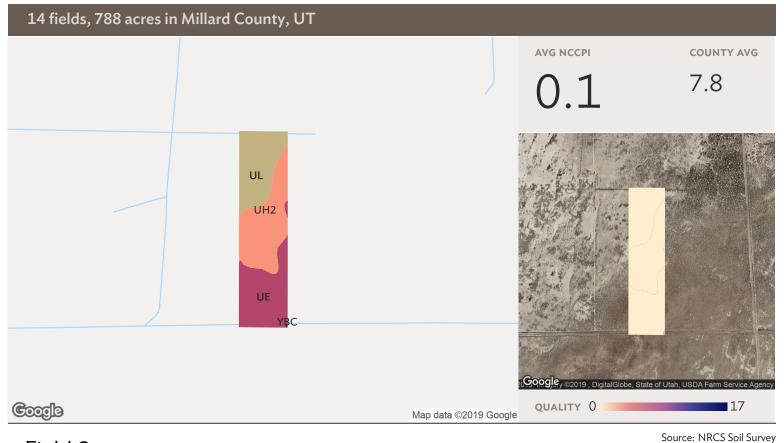
| SOI |                          | ACRES | PERCENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|-----|--------------------------|-------|------------------------|---------------|-------|
| Aa  | Abbott silty clay        | 31.89 | 78.5%                  | 7             | 2.6   |
| Po  | Poganeab silty clay loam | 5.61  | 13.8%                  | 7             | 3.6   |
| Ah  | Abraham loam             | 3.13  | 7.7%                   | 7             | 2.9   |
|     |                          | 40.63 |                        |               | 2.8   |



## Field 8

| SOIL | SOIL DESCRIPTION                                | ACRES PER | ACRES PERCENTAGE OF |       | NCCPI |
|------|---|-----------|---------------------|-------|-------|
| CODE |   |           | FIELD               | CLASS |       |
| LC   | Lahontan silty clay loam, sandy subsoil variant | 40.17     | 99.4%               | 8     | 0.1   |
| Ph   | Penoyer silt loam, strongly saline              | 0.26      | 0.6%                | 7     | 0.1   |
|      |   | 40.43     |                     |       | 0.1   |

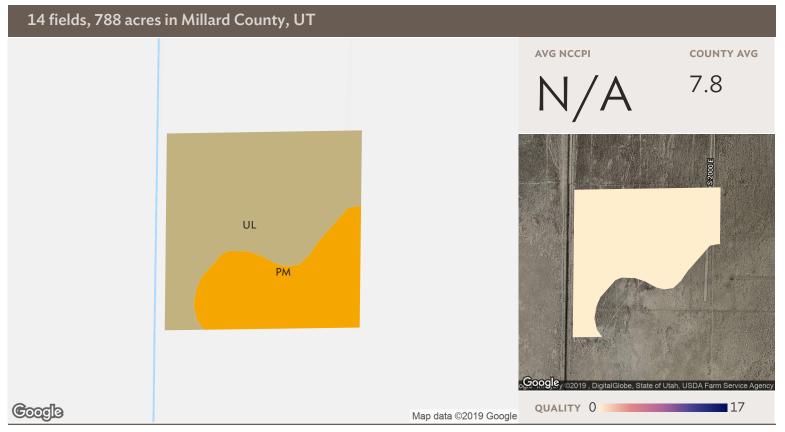
## Fields | Soil Survey April 11, 2019



## Field 9

| SOIL<br>CODE | SOIL DESCRIPTION                | ACRES PERC | ENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|--------------|---------------------------------|------------|--------------------|---------------|-------|
| UH2          | Uffens-Uvada silt loams, eroded | 14.97      | 36.8%              | 7             | 0.1   |
| UL           | Uvada silt Ioam                 | 12.92      | 31.8%              | 7             | 0.1   |
| UE           | Uffens silt loam                | 12.79      | 31.4%              | 7             | 0.1   |
| YBC          | Yenrab fine sand, undulating    | 0.00       | 0.0%               | 7             | 2.1   |
|              |                                 | 40.68      |                    |               | 0.1   |

Fields | Soil Survey April 11, 2019



Source: NRCS Soil Survey

## Field 10

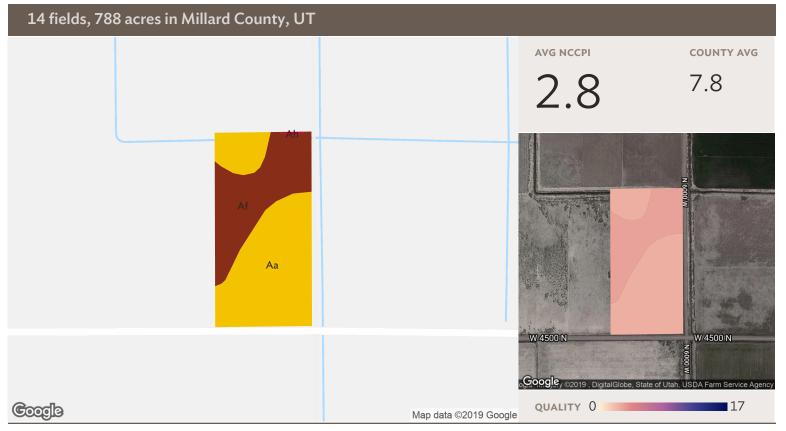
| SOIL | SOIL DESCRIPTION | ACRES PE | RCENTAGE OF | SOIL  | NCCPI |
|------|------------------|----------|-------------|-------|-------|
| CODE |                  |          | FIELD       | CLASS |       |
| UL   | Uvada silt Ioam  | 27.84    | 67.9%       | 7     | 0.1   |
| PM   | Playas           | 13.19    | 32.1%       |       | N/A   |
|      |                  |          |             |       | N/A   |



## Field 11

| <br>SOIL<br>CODE | SOIL DESCRIPTION                   | ACRES PER | CENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|------------------|------------------------------------|-----------|---------------------|---------------|-------|
| Ab               | Abbott silty clay, strongly saline | 40.42     | 100.0%              | 7             | 0.1   |
|                  |                                    | 40.42     |                     |               | 0.1   |

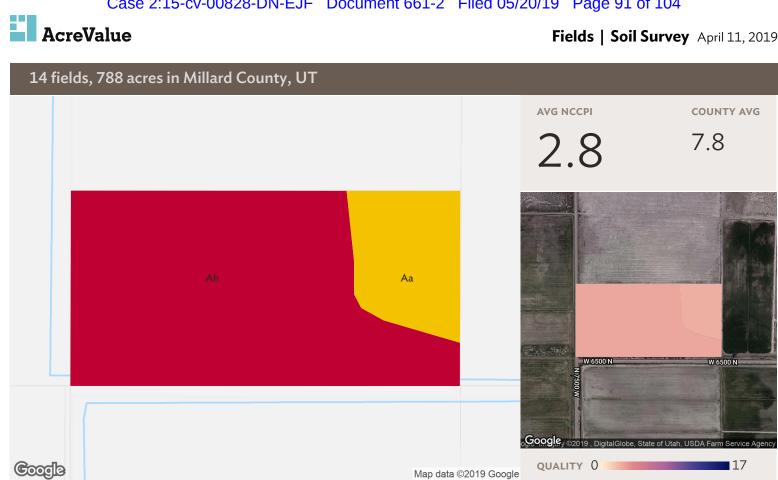
## Fields | Soil Survey April 11, 2019



Field 12

Source: NRCS Soil Survey

| SOIL | SOIL DESCRIPTION                    | ACRES PER |       | SOIL  | NCCPI |
|------|-------------------------------------|-----------|-------|-------|-------|
| CODE |                                     |           | FIELD | CLASS |       |
| Aa   | Abbott silty clay                   | 12.27     | 61.3% | 7     | 2.6   |
| Af   | Abbott silty clay, sandy substratum | 7.57      | 37.8% | 7     | 3.1   |
| Ah   | Abraham loam                        | 0.17      | 0.9%  | 7     | 2.9   |
|      |                                     | 20.01     |       |       | 2.8   |



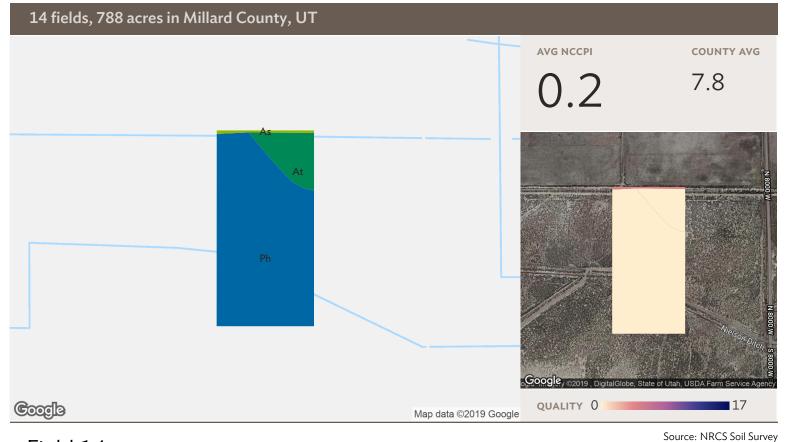
## Field 13

20 ac

| SOIL | SOIL DESCRIPTION  | ACRES PERC | ACRES PERCENTAGE OF |       | NCCP |
|------|-------------------|------------|---------------------|-------|------|
| CODE |                   |            | FIELD               | CLASS |      |
| Ah   | Abraham Ioam      | 16.42      | 81.3%               | 7     | 2.9  |
| Aa   | Abbott silty clay | 3.77       | 18.7%               | 7     | 2.6  |
|      |                   | 20.19      |                     |       | 2.8  |

Source: NRCS Soil Survey

## Fields | Soil Survey April 11, 2019



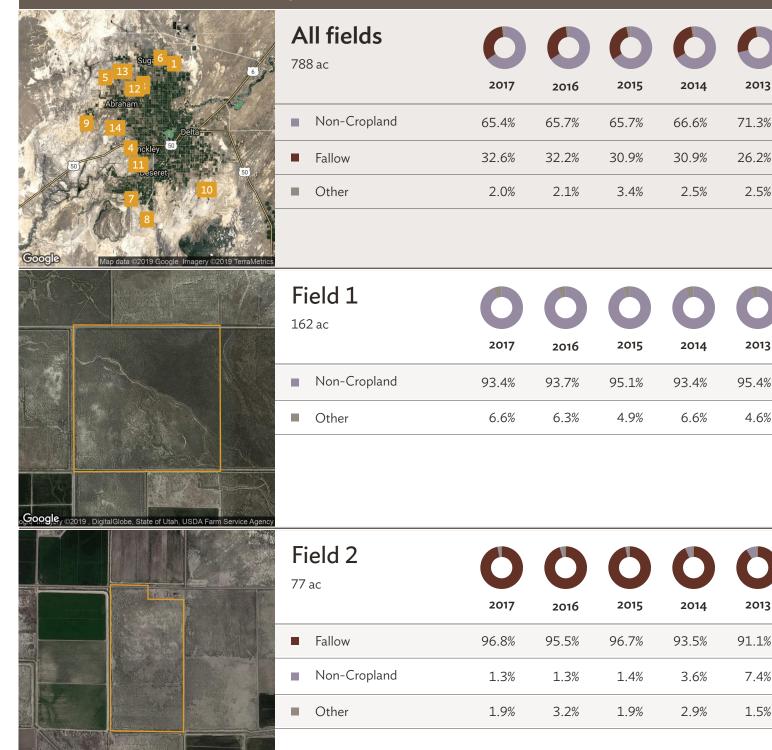
## Field 14

|   | SOIL<br>CODE | SOIL DESCRIPTION                      | ACRES PER | CENTAGE OF<br>FIELD | SOIL<br>CLASS | NCCPI |
|---|--------------|---------------------------------------|-----------|---------------------|---------------|-------|
| • | Ph           | Penoyer silt loam, strongly saline    | 17.51     | 86.3%               | 7             | 0.1   |
|   | At           | Anco silty clay loam, strongly saline | 2.38      | 11.7%               | 7             | 0.1   |
|   | As           | Anco silty clay loam                  | 0.41      | 2.0%                | 7             | 5.0   |
|   |              |                                       | 20.30     |                     |               | 0.2   |

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Fields | Crop History April 11, 2019

| 14 fields, 788 acres in Millard ( | County, | UT |
|-----------------------------------|---------|----|
|-----------------------------------|---------|----|



Field 3

Fallow

Non-Cropland

40 ac

# AcreValue

Fields | Crop History April 11, 2019

2014

100.0%

\_

2013

93.4%

6.6%



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|---|-------------------|-------------------|---------------|-------------------|---------------------------------------|
|   | 50                |                   | and la        | 50                | 1000                                  |
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|   | 12                | in the            |               |                   | State of the second                   |



| <ul> <li>Other</li> </ul>        | _     | 0.5%  | -     | -     | -     |
|----------------------------------|-------|-------|-------|-------|-------|
|                                  |       |       |       |       |       |
| <b>Field 4</b><br>105 ac         | 2017  | 2016  | 2015  | 2014  | 2013  |
| <ul> <li>Non-Cropland</li> </ul> | 57.3% | 57.8% | 57.3% | 59.2% | 62.4% |
| ■ Fallow                         | 41.9% | 39.4% | 41.9% | 39.6% | 34.2% |
| Other                            | 0.8%  | 2.8%  | 0.8%  | 1.2%  | 3.3%  |

2017

100.0%

\_

2016

99.5%

\_

2015

100.0%

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| Googley ©2019  | , DigitalGlobe, State of Utah, USDA Farm   | Service Agenc  |
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| Google, (2019) | , DigitalGlobe, State of Utah, USDA Farm   | Service Agenc  |

| Field 5<br><sup>80 ac</sup> | 2017  | <b>0</b><br>2016 | <b>2</b> 015 | <b>0</b><br>2014 | 2013  |
|-----------------------------|-------|------------------|--------------|------------------|-------|
| Non-Cropland                | 99.7% | 100.0%           | 100.0%       | 99.8%            | 97.9% |
| Other                       | 0.3%  | -                | _            | 0.2%             | 2.1%  |

Fields | Crop History April 11, 2019





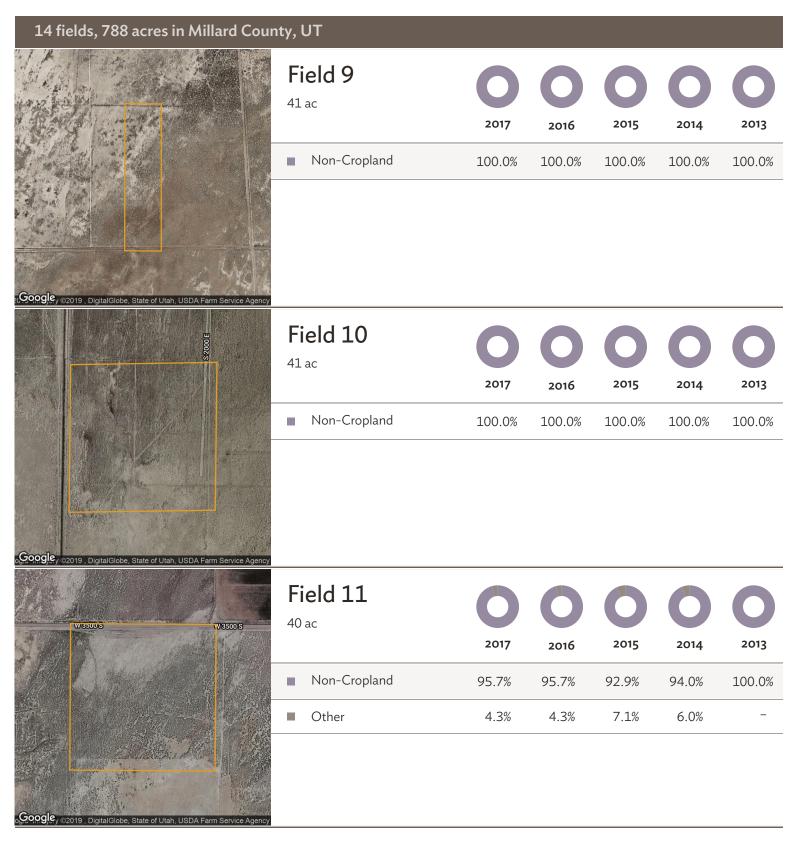
| <b>Field 6</b><br>61 ac   | 2017  | 2016  | 2015  | 2014  | 2013  |
|---------------------------|-------|-------|-------|-------|-------|
| Non-Cropland              | 58.7% | 58.7% | 58.7% | 67.2% | 62.5% |
| ■ Fallow                  | 41.3% | 41.3% | 41.3% | 32.4% | 36.2% |
| <ul> <li>Other</li> </ul> | _     | _     | _     | 0.4%  | 1.3%  |

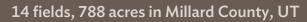


| Field 7<br><sup>41 ac</sup> | 2017  | 2016  | 2015  | <b>2</b> 014 | 2013  |
|-----------------------------|-------|-------|-------|--------------|-------|
| ■ Fallow                    | 83.5% | 82.1% | 82.5% | 77.2%        | 32.7% |
| Non-Cropland                | 13.3% | 13.3% | 12.3% | 12.5%        | 61.2% |
| Grass/Pasture               | 1.1%  | 0.5%  | 1.1%  | 6.7%         | 2.0%  |
| <ul> <li>Other</li> </ul>   | 2.1%  | 4.1%  | 4.2%  | 3.5%         | 4.1%  |
|                             |       |       |       |              |       |



| <b>Field 8</b><br>40 ac          | 2017  | <b>0</b><br>2016 | <b>2</b> 015 | <b>0</b><br>2014 | 2013   |
|----------------------------------|-------|------------------|--------------|------------------|--------|
| <ul> <li>Non-Cropland</li> </ul> | 97.8% | 99.1%            | 99.5%        | 100.0%           | 100.0% |
| <ul> <li>Other</li> </ul>        | 2.2%  | 0.9%             | 0.5%         | _                | _      |







| <b>Field 12</b><br>20 ac | 2017  | 2016  | 2015  | <b>0</b><br>2014 | <b>0</b><br>2013 |
|--------------------------|-------|-------|-------|------------------|------------------|
| ■ Fallow                 | 94.3% | 94.3% | 61.3% | 92.2%            | 73.6%            |
| Alfalfa                  | _     | -     | 30.9% | -                | _                |
| Non-Cropland             | 3.0%  | 4.1%  | 2.0%  | 2.5%             | 24.4%            |
| Developed                | 2.7%  | 1.6%  | 5.8%  | 3.2%             | 0.5%             |
| Other                    | _     | -     | -     | 2.1%             | 1.4%             |



| <b>Fi</b><br>20 | eld 13<br>ac | 2017  | 2016  | 2015  | 2014  | 2013  |
|-----------------|--------------|-------|-------|-------|-------|-------|
|                 | Fallow       | 80.0% | 83.5% | 47.1% | 77.8% | 60.8% |
|                 | Non-Cropland | 11.5% | 12.1% | 12.1% | 12.6% | 28.1% |
|                 | Alfalfa      | 6.9%  | 3.9%  | 25.8% | 8.9%  | 3.9%  |
|                 | Safflower    | _     | _     | 15.0% | _     | _     |
|                 | Other        | 1.6%  | 0.5%  | _     | 0.6%  | 7.2%  |

Fields | Crop History April 11, 2019

| 14 fields, 788 acres in Millard County, UT |
|--|
|--|

| Moooor M  | <b>Field 14</b><br>20 ac | <b>0</b><br>2017 | <b>0</b><br>2016 | <b>0</b><br>2015 | 2014  | <b>O</b><br>2013 |
|---|--------------------------|------------------|------------------|------------------|-------|------------------|
|   | Non-Cropland             | 100.0%           | 99.6%            | 99.6%            | 99.3% | 99.6%            |
| Nelson Jitch<br>SCORSIE, C2019, DigitalGlobe, State of Utah, USDA Farm Service Agency | Other                    | -                | 0.4%             | 0.4%             | 0.7%  | 0.4%             |

Source: NASS Cropland Data Layer

Fields | Ownership April 11, 2019

14 fields, 788 acres in Millard County, UT

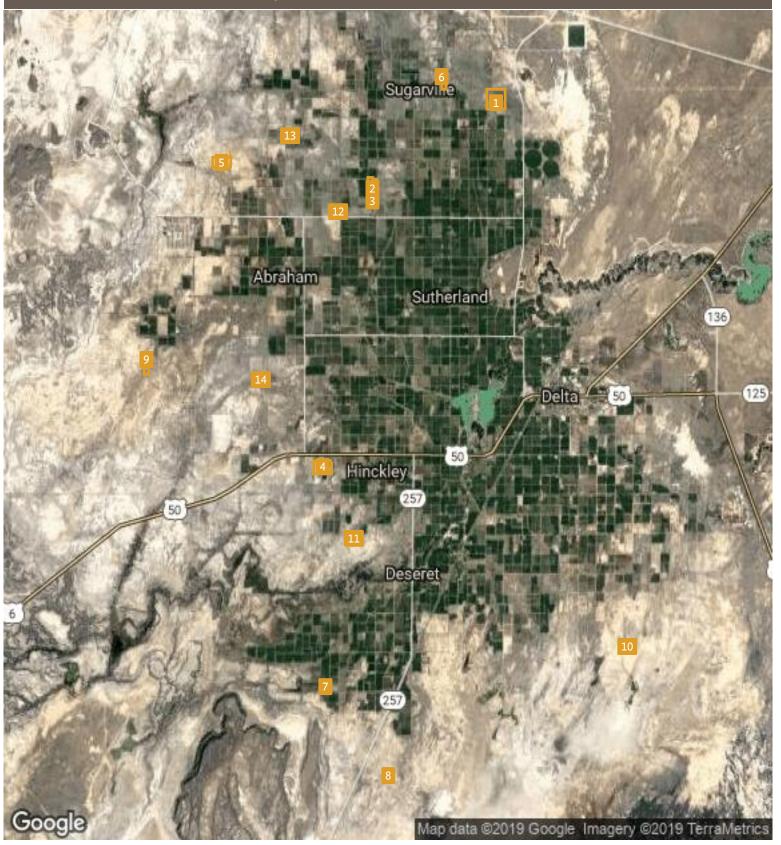
## Millard County, UT

| FIELD | ACRES  | LOCATION  | OWNER (LAST UPDATED)                        |
|-------|--------|---|---|
| 1     | 161.99 | 15S 7W - 34, 35, 16S 7W -<br>2, 3<br>APN: 58462 | TOLBERT, BRYCE V & JENNIFER A (12/30/2016)  |
| 2     | 77.19  | 16S 7W - 7, 17, 18<br>APN: 60591                | JAUREGUI, JUANA RODRIGUIZ (12/30/2016)      |
| 3     | 40.47  | 16S 7W - 17, 18<br>APN: 60625                   | JAUREGUI, JUANA RODRIGUIZ (12/30/2016)      |
| 4     | 104.81 | 17S 8W - 24<br>APN: 106006                      | LASATER, KENT S & COLLEEN M (12/30/2016)    |
| 5     | 79.79  | 16S 8W - 9<br>APN: 100132                       | MATOUSEK, PETER (12/30/2016)                |
| 6     | 60.50  | 15S 7W – 33, 16S 7W – 4<br>APN: 57589           | ANDERSON, NELS CURTIS & MARY B (12/30/2016) |
| 7     | 40.63  | 18S 8W - 13, 24<br>APN: 108937                  | DEWSNUP, KENDALL & CONNIE (12/30/2016)      |
| 8     | 40.43  | 18S 7W – 32<br>APN: 108572                      | BLACK BRIAR HOLDINGS LLC (12/30/2016)       |
| 9     | 40.68  | 17S 8W – 6<br>APN: 117771                       | ROCKY MOUNTAIN PROPERTIES (12/30/2016)      |
| 10    | 41.03  | 18S 6W - 8, 17<br>APN: 119348                   | SKOUSEN, DONALD L (12/30/2016)              |
| 11    | 40.42  | 17S 7W - 30, 31<br>APN: 104084                  | OWENS, JANE BEVERLY (12/30/2016)            |
| 12    | 20.01  | 16S 7W - 18, 16S 8W - 13,<br>24<br>APN: 151184  | HEATH, MARILOU R (12/30/2016)               |
| 13    | 20.19  | 16S 8W - 2, 11<br>APN: 177007                   | WITBECK, TEDDY (12/30/2016)                 |
| 14    | 20.30  | 17S 8W - 3, 10<br>APN: 179847                   | SAYEGH, JOHN & BOLIVIA (12/30/2016)         |
|       | 788.44 |   |   |



## Fields | Ownership April 11, 2019

14 fields, 788 acres in Millard County, UT



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APPRAISAL ORDER

## IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF UTAH

| UNITED STATES OF AMERICA, | ORDER APPOINTING APPRAISERS |
|---------------------------|-----------------------------|
| Plaintiff,                | Case No. 2:15-cv-00828-DN   |
| V.                        | District Judge David Nuffer |
| RAPOWER-3, LLC, et al.,   |                             |
| Defendants.               |                             |

R. Wayne Klein, the court-appointed receiver ("Receiver"), filed motions (the

"Motions")<sup>1</sup> to appoint appraisers for certain properties located in Millard County, Utah, and San Bernardino County, California. No response has been filed to the Motions, and the time to do so

has now expired. Therefore, based on 28 U.S.C. § 2001(b), and for good cause appearing,

IT IS HEREBY ORDERED that the Motions<sup>1</sup> are GRANTED.

IT IS FURTHER HEREBY ORDERED as follows:

1. Thomas V. Boyer of TVB Management Company is approved as a court-

appointed appraiser for the following properties located in Millard County, Utah:

a. Parcel no. HD-4609, which is more particularly described in Section 19(q)

of the Corrected Receivership Order.<sup>2</sup>

b. Parcel no. HD-4612, which is more particularly described in Section 20(r)

of the Corrected Receivership Order.

<sup>&</sup>lt;sup>1</sup> Receiver's Motion for Court to Appoint Appraiser for Millard County Properties of International Automated Systems Inc., docket no. 598, filed March 21, 2019; Receiver's Motion for Court to Appoint Appraiser for San Bernardino County Property of International Automated Systems Inc., docket no. 599, filed March 21, 2019.

<sup>&</sup>lt;sup>2</sup> Docket no. 491, filed November 1, 2018.

c. Parcel no. HD-4654, which is more particularly described in Section 20(t)

of the Corrected Receivership Order.

d. Parcel no. HD-4657, which is more particularly described in Section 20(u)

of the Corrected Receivership Order.

e. Parcel no. HD-4658-1, which is more particularly described in

Section 20(w) of the Corrected Receivership Order.

2. Chris A. Peterson of Viking Appraisal Sesrvice is approved as a court-appointed

appraiser for real property located in San Bernardino County, California, which is referred to as

parcel no. 0541131080000 and more particularly described as follows:

W 1/2 W 1/2 E 1/2 W 1/2 SEC 33 TP 11N R 4E EX PTN LYING S OF N LI HGWY 91 AND EX COM AT NW COR E 1/2 W 1/2 SD SEC TH S 3874.72 FT ALG W LI SD E 1/2 W 1/2 TH N 61 DEG 16 MIN 00 SECONDS E 375.96 FT TO E LI W 1/2 W 1/2 E 1/2 W 1/2 SD SEC TH N 3697.59 FT TH W 331.2 FT M/L TO POB 6.2 AC M/L.

Signed April 9, 2019.

BY THE COURT:

David Nuffer United States District Judge

## QUALIFICATIONS OF APPRAISER Thomas V. Boyer, AFM, ARA, AAC

## Principal Employment 1980-Present

- Owner, TVB Management Company, an Appraisal, Management and Consulting Firm for Agriculture & Agribusiness
- Owner, Boyer Land & Livestock, (Registered Rambouillets and Meat Goats)

## Business Address

- Thomas V. Boyer, 2200 Chalk Creek, Coalville, Utah 84017
- Cell 801-376-4685 Email: tomboyer1004@gmail.com

## Background

- Owner, TVB Management Company
- Professional Farm Manager, Rural Appraiser & Agricultural Consultant Since 1980
- Marketing, Finance & Economics Adjunct Professor, Western Wyoming College
- Evanston Small Business Management Program Creator & Administrator
- Instructor, ASFMRA Appraisal, Consulting & Farm Management Courses

## Education

- Snow College--Associate Degree
- Brigham Young University--Bachelors Degree Ag Econ
- Brigham Young University--Masters Degree Agribusiness
- American University, Cairo, Egypt
- American Society of Farm Managers & Rural Appraisers
  - Accredited Farm Manager (AFM)
    - Accredited Rural Appraiser (ARA)
    - Accredited Agricultural Consultant (AAC)

## Been There & Done That

- Chairman, The Appraisal Foundation Board of Trustees
- Past President, American Goat Federation
- Board of Trustees, The Appraisal Foundation
- Chair, Genetic Stakeholders, American Sheep Industry [ASI]
- Past President, Utah Woolgrowers Association
- International Farm Land Acquisition Consultant, Altima Financial, London
- National Chairman, The Appraisal Unification Team
- Past National President, American Society of Farm Managers and Rural Appraisers
- Eastern Summit County Agricultural Preservation Committee
- Chairman, Eastern Summit County Planning Commission
- President, Wyoming Small Business Advisory Committee
- Agricultural Economic Consultant to Egypt
- Consultant to Ecuador's National Agriculture Department
- Judge of Ecuador's 1st National Sheep Show
- Special Consultant to Ecuador Department of Agriculture [National Farms]
- Consultant & Trainer for India's Department of Agriculture [National Sheep Farms]
- President, American Rambouillet Sheep Breeders Association
- Utah State Certified General Appraiser #CG00039192
- Idaho State Certified General Appraiser #CGA-148
- Utah Scrapie Producer Team Chair & National Scrapie Oversight Board Member
- Founded & First President of Mountain States Meat Goat Association