

# DRAFT MEMORANDUM

Project No. 220252-A-01

August 30, 2023

**To:** Allison Keeler, Wautoma Energy LLC

**From:**

**Tyson D. Carlson, LHG, CWRE**  
Principal Hydrogeologist  
tcarlson@aspectconsulting.com

**Silas S. Sleeper, GIT**  
Staff Geologist  
ssleeper@aspectconsulting.com

**Re: DRAFT Water Right Due Diligence and Hydrogeologic Investigation**

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Aspect Consulting, LLC (Aspect) was contracted by Wautoma Energy, LLC (Wautoma) to investigate the history of beneficial use and extent and validity of four groundwater rights appurtenant to Wautoma's and the neighboring Robert Ranch 5+1, LLC's (Roberts) property located in Benton County, Washington (Figure 1). Wautoma and the Roberts are planning on performing water right changes to clearly define water right ownership and the associated place(s) of use.

The purpose of our investigation was to address technical considerations that will be required for the proposed water right changes. These include the evaluation of (1) historical beneficial use, (2) same body of public groundwater, and (3) impairment. We have also provided information on the legal and physical availability of groundwater. The memo concludes with the requested division of water right between the two parties.

This information is being provided to the Washington State Department of Ecology (Ecology) and Benton County Water Conservancy Board for review and discussion as part of the water right pre-application and water right change process. The following sections summarize our review of Ecology's water right file, aerial photography, and information provided by Wautoma and the Roberts.

## Summary of Findings

A summary of our review of the information described above includes the following:

- Wautoma and the Roberts intend to change the place of use and add a point of withdrawal on the property's four groundwater rights to clearly define water right ownership. Maps depicting the existing and proposed places of use are included as Figures 1 and 2.

- Four irrigation water rights are appurtenant to property belonging to Wautoma and Roberts. The water rights authorize an instantaneous quantity ( $Q_i$ ) of 4,435 gallons per minute (gpm) and a cumulative annual quantity ( $Q_a$ ) of 5,212 acre-feet per year (afy), for the irrigation of 1,524.5 acres and 2 afy for domestic and stockwater.
- Water supply is from two water supply wells. Water levels of Well No. 1 show that water levels have steadily declined in Well No. 1 since its construction in 1975. The decline in water levels has resulted in several operational changes over the years.
- Both Well No. 1 and Well No. 2 are completed in the Wanapum Basalt Formation. Similar water levels documented in Ecology's Environmental Information Management (EIM) database and the absence of groundwater flow barriers (i.e., faults) indicate that the two wells are completed in the same body of public groundwater.
- Some irrigation has clearly taken place outside the authorized places of use. Such unauthorized changes to existing water rights are commonly referred to as "de facto," or after-the-fact changes, and do not result in relinquishment.
- Although no direct meter readings are available, power meter records from Well No. 1 are available from 2003 to 2022. Power records show that Well No. 1 has been used consistently for the last 20 years. Annual power consumption ranged from 882,600 to 153,7840 kWh, averaging about 1.2 million kilowatt-hours (kWh) per year.
- Farm Services Agency (FSA) records document up to 828 irrigated acres under the four water rights were irrigated in 2017.
- Based on crop records provided by the Roberts and Wautoma, within the last 5 years the farm has produced a combination of barley, timothy hay, alfalfa, triticale, and wine grapes. Crop records indicate that over the last 5 years the highest annual irrigation water use for the combined property was 3,862 afy or 3,576 afy consumptive use (CU).
- Based on aerial imagery and information provided by the Roberts, the maximum number of irrigated acres under the four groundwater rights peaked about 1982 at around 1,000 acres. Aerial photo analysis suggests that irrigation based on a continuous 5-year rolling time period since Ecology's last review is up to 754 acres. This is consistent with FSA records and crop records provided by the property owners.
- The property was originally developed to support livestock, including cows and sheep. Annual stockwater demands are estimated at 2.49 afy. In addition, domestic water use is estimated at up to 350 gallons per day year-round (about 0.39 afy). Additional quantities above the authorized annual quantities for domestic and stock may be accounted for under the permit exemption.
- Based on our review, the subject water rights are likely valid for up to 773 acres of irrigation (or 3,862 afy) and 2 acre-feet for domestic and stockwater.

## **Summary of Water Rights**

Aspect obtained copies of appurtenant water rights and conducted a search for rights with an overlapping place of use to the subject properties as shown on Figure 1. Based on review of Ecology's Geographic Water Information System (GWIS), four groundwater certificates were

found to be associated with the subject parcels. Aspect also filed public disclosure requests with Ecology to obtain a listing of all water rights, permits, and certificates within the general area of the subject place of use that constitutes the property. Aspect reviewed and incorporated work compiled by WestWater Research, LLC (WestWater) that included water right due diligence, FSA crop records, well information, and historical water use. Water Right certificates are included as Attachment A.

The four groundwater certificates that are appurtenant to the property include GWC02720-A, G4-01254(B)C, G4-24249C, and G4-25779C. All of the aforementioned water rights overlap properties owned by either Wautoma or the Roberts and cumulatively authorize the irrigation of 1,536.5 acres. Additional quantities (up to 2 acre-feet) are authorized for year-round stockwater and domestic use. These four water rights are mapped on Figure 1 and summarized in Table 1 below.

**Table 1. Wautoma Valley Water Right Summary**

<b>Water Right</b>	<b>GWC02720-A</b>	<b>G4-01254(B)C</b>	<b>G4-24249C</b>	<b>G4-25779C</b>
Priority Date	4/26/1956	7/22/1966	4/8/1976	3/16/1978
Purpose of Use	Domestic Supply, Stockwater and Irrigation of 158 acres	Irrigation of 566.5 acres	Irrigation of 160 acres	Irrigation of 640 acres
Qi (gpm)	500	2,935.4	1,000	0
Qa (afy)	2 afy for Domestic/ Stockwater and 498 afy for Irrigation	2,266	838	1,610
Source	Well Nos. 1 and 2	Well No. 1	Well No. 1	Well No. 1
Period of Use	Not Specified	3/1 to 10/15	4/1 to 10/1	3/1 – 10/15
Owner of Place of Use	Robert Ranch	Wautoma Energy	Emile Robert	Wautoma Energy & Robert Ranch
Last formal Review by Ecology	7/21/1987	2/22/1993	10/18/1977	8/19/1978

**Notes:** (1) G4-25779C is subject to the Family Farm Act (RCW 90.66).  
 (2) Well No. 2 is only for stockwater and domestic supply only.

It is noted that each of the places of use are distinct and do not overlap, and each one of the water rights are additive in both the instantaneous rate (Qi) and cumulative annual volume (Qa) authorized. Although G4-25779C authorizes zero Qi, the water right provides additional Qa to Well No. 1 with excess production capacity.

**Previous Changes**

In 1987, a water right change was performed on Groundwater Certificate G4-01254C, resulting in superseding Groundwater Certificates G4-01254(A)C and G4-01254(B)C. The change application was filed by Terry Tramel, who at the time owned 300 acres north of Wautoma Road (S ½ of S19 T12N R24E). Terry Tramel had historically irrigated 278.5 acres on this land and had a well-sharing agreement with the Roberts. In 1984, Terry Tramel agreed to sell a portion of G4-01254C to Donna Dill, who had recently purchased the neighboring property (NE¼ of S30 T12N R24E).

Ecology approved the Water Right Change in 1987, effectively splitting Groundwater Certificate G4-01254C into two parts: Part A belonging to Donna Dill for the irrigation of 12 acres and Part B belonging to the Roberts for the irrigation of 566.5 acres. During the change, Ecology honored the well-share agreement and stated that G4-01254(A)C was entitled to 64.6 gpm from Well No. 1 (which is located on the Roberts property). Aside from sharing the same point of withdrawal, G4-01254(A)C is unrelated to the property’s other water rights and thus is excluded from further consideration.

On July 28, 2023, temporary trust donations were made for water rights G4-01254(B)C, G4-24249C, and G4-25779C for the quantities presented below in Table 2.

**Table 2. 2023 Temporary Trust Donations**

<b>Water Right Number</b>	<b>Trusted Qi</b>	<b>Trusted Qa</b>
G4-01254(B)C	735.40	590.69
G4-24249C	1,000.00	838.00
G4-25779C	0.00	1,610.00

**Site Visit**

Aspect staff visited the site on June 17, 2022. During the visit, Aspect spoke with Allison Keeler (Wautoma) and Robin and David Roberts and observed the places of use (fields), current irrigation practice, and both points of withdrawal.

The Roberts described the history of the property, including past irrigation practices, and provided a detailed written history of development of the land and livestock partnership. Following initial development of the property, irrigation infrastructure consisted of four (two 130-acre and two 110-acre) center pivots by about 1971. By about 1981, several additional fields were developed primarily with wheel and hand lines near and surrounding the established pivots, including several paddocks for livestock. At the peak, it is estimated that up to about 1,000 acres of irrigation was developed on the property.

Although irrigation was fairly consistent year to year, some changes occurred over time through a series of infrastructure upgrades and shifts in irrigation practices and property ownership. These changes include the following:

- In about 1982, the two 110-acre pivots located north of Wautoma Road were decommissioned. This was primarily due to the permeable soils and low production following a change in property ownership.
- In the former pivot's footprint, about 60 acres of wine grapes were planted in 2009. Due to an unseasonable frost, many of the vines were lost and subsequently replanted in 2015.
- In 2016, following an update in wheel line infrastructure with installation of a new 120-acre center pivot, about 50 acres of "corners" were fallowed. Note this transition occurred after replanting of the 60 acres of grapes described above.

Since 2016, irrigation practices have consistently remained the same, with up to about 773 acres currently under irrigation.

### **Ecology's Tentative Determination Process**

In 2004, Ecology adopted a policy for when and how it conducts tentative determinations of the extent and validity of water rights, termed Policy 1120. A water right change application (e.g., to change the place of use or well location) will trigger such a decision by Ecology.

Policy 1120 defines a tentative determination as a "water conservancy board's or the Department of Ecology's finding of the amount of water perfected and beneficially used under a water right that has not been abandoned or relinquished due to nonuse." Even outside of such a formal determination, beneficial use is the measure of a water right, not what is documented on a certificate or permit, and water users are generally expected to stay within the limits of their historical use if it has been lower than what was previously authorized.

Tentative determinations are conducted through an examination of historical water use. For water rights where use has been lower than that authorized, the tentative determination includes an evaluation of the applicability of 22 relinquishment exemptions when gaps in water use occur for 5 or more years. Under RCW 90.14.160-180, relinquishment or forfeiture of a water right can occur in whole, or in part, if a water right holder fails to beneficially use all of a water right for 5 consecutive years without sufficient cause.

Many data sources are used by Ecology in making tentative determinations, but the most commonly used are meter records, aerial photography, and farm crop records. The selection of appropriate data sources under Ecology's policy is discretionary; generally, the goal is to consult multiple credible data sources to arrive at an accurate picture of beneficial use. When a tentative determination of a water right is made, it typically resets the relinquishment period, providing greater certainty in water use moving forward.

### ***Crop Records from Wautoma and the Roberts***

To aid in this analysis, Wautoma and the Roberts provided crop record data documenting irrigation patterns and crop pattern for the 2019 to 2023 irrigation seasons. Over this time period, Wautoma and the Roberts planted grapes, alfalfa, timothy hay, winter wheat, barley, and triticale. A summary of the crop acreages are presented below in Table 3, with additional details regarding irrigation infrastructure and water use included as Attachment B.

**Table 3. Crop Records for 2019 to 2023**

Year	Wine Grapes	Alfalfa	Winter Wheat	Barley	Triticale	Timothy Hay	Fallow	Total Irrigated Acres
<b>2023<sup>1</sup></b>	60	282.5	129	108	60	63.5	70	703.0
<b>2022</b>	60	222.5	249	88	60	63.5	30	743.0
<b>2021</b>	60	241.5	294	44	30	63.5	40	733.0
<b>2020</b>	60	350.5	144	60	55	63.5	40	733.0
<b>2019</b>	60	347	271	40	55	0	0	773.0

<sup>1</sup> Due to declining groundwater, seasonal water supply availability was impacted on July 1<sup>st</sup> and irrigation was curtailed for the remainder of the season.

**Aerial Photo Analysis**

Aspect examined the degree to which the water rights have been exercised for the past 40 years by compiling aerial imagery from various sources (e.g., US Geologic Survey, Landsatlook, and Google Earth). When available, Aspect overlaid the place-of-use boundaries on aerial imagery to assign irrigated acres to each of the subject water rights. The results of this analysis are summarized in Table 4 and historical aerial images are compiled in Attachment C.

**Table 4. Aerial Photo Analysis by Imagery Date**

Wautoma Energy Irrigated Area	Area (acres)						
	2004	2006	2009	2011	2015	2017	2021
GWC02720-A (158 acres authorized)	127	127	127	127	127	127	127
G4-01254(B)C (566.5 acres authorized)	272.3	272.3	335	334	334	334	323
G4-24249C (160 acres authorized)	117	117	117	117	117	116	93
G4-25779C (640 acres authorized)	110.6	110.6	110.6	110.6	110.6	110.6	66
Outside Authorized POU	168	168	168	168	168	156.8	145.5
<b>Total (1,524.5 acres authorized)</b>	<b>794.9</b>	<b>794.9</b>	<b>857.6</b>	<b>856.6</b>	<b>856.6</b>	<b>844.4</b>	<b>754</b>

Aerial photo interpretation is marked by several challenges, which is why Ecology typically investigates multiple lines of evidence in arriving at tentative determinations. Aspect notes that the following issues were encountered during our aerial photo interpretations of area served:

- Each aerial photo only represents a single snapshot in time for that year.

- The resolution of Landsat images is low; however, the colors are more saturated to better analyze vegetation.
- Several fields appear brown or fallowed in many aerials depending on the time of year. It is acknowledged that these field are indeed cultivated, but planted with grains (typically barley, wheat, or triticalline) and the photo was taken while the crop dries or following cutting and harvest.

We consider these images as an aggregate estimation tool; aerial photos were useful in corroborating historical beneficial use and support the historical irrigation narrative, including consistent irrigation of all established infrastructure as described by the Roberts during the on-site interview.

In evaluating of the history of its water use, it is important to understand that the property has historically operated as a single farm operation with the irrigation well intertied for a common place of use that is not necessarily reflected in the authorized water right places of use. Some irrigation has clearly taken place outside the authorized places of use. Policy 1120 states that, “In some situations, changes to historic uses associated with water rights have been made in the diversion or use of water without first obtaining authorization for the changes pursuant to chapters 90.03 and 90.44 RCW. Such unauthorized changes to existing water rights are commonly referred to as “de facto,” or after-the-fact changes and do not result in relinquishment.”

Based on review of aerial imagery (Table 4), approximately 754 acres have been continually irrigated since 2004. Although Table 4 only extends back to 2004, Landsat imagery extends back to 1983 and documents consistent irrigation practices throughout the period or record.

**Farm Service Agency Records**

During a previous review of the property’s water rights, WestWater compiled FSA crop records for farms operated by the Roberts and Wautoma for the years 2016 through 2020 from the Yakima and Benton County FSA offices. As compiled by WestWater, Table 5 shows the irrigated area as documented in the FSA records.

**Table 5. Irrigated Acres by Water Right (WestWater)**

Year	G4-01254(B) <sup>1</sup>	GWC02720A	G4-25779	G4-24249	Outside	Total
2016	<b>60.00</b>	162.97	20.79	70.04	37.26	351.06
2017	327.48	163.59	103.96	104.55	129.18	828.76
2018	327.48	163.59	56.3	94.44	158.08	799.89
2019	327.48	<b>0.00</b>	103.96	0	145.82	577.26
2020	327.48	163.59	72.19	0	94.04	657.30

**Notes:**

<sup>1</sup> FSA records were not available for the property where the 60-acres of wine grapes are located. However aerial imagery documents the 60 acres of wine grapes so they are included in this analyses.

**Bold** cells indicate periods of time where acreage reports were missing or incomplete.

For years 2017 and 2018, FSA records match the aerial photo analysis above and therefore are reflective of the total water use. However, the FSA dataset is incomplete for all other documented

years (2016, 2019, and 2020) and are not considered to be representative of the total irrigation for those years.

### **Metering Records**

No diversion or field-specific metering records were available for review at the time of this report. Although water meters associated with Well No. 1 are present, they have not been regularly read and recorded. Well No. 2 does not have a water meter, so no metering was observed.

### **Power Meter Records**

Although direct water meter data are not available, water use can be estimated by converting electric power consumption for the pump to volume of water pumped. Electrical utility records for the 350 hp pump were provided by the Roberts for years 2003 through 2022 (Attachment D) for the main irrigation well (Well No. 1). A summary of electrical usage over this period is provided on Figure 3. The utility records show a relatively consistent use over the period of record. Monthly power records show that the well is consistently operated between March and October, which aligns with the authorized period of use. Annual power consumption ranged from 882,600 to 153,7840 kWh.

Although power records are available, completing the calculations are difficult for the following reasons:

- Efficiency of the pump (Peff) and motor (Meff) are unknown due to their age.
- Power usage associated with the two 100-hp booster pumps is variable based on system demand and difficult to quantify.
- Friction losses vary based on conveyance distance.

Although we cannot reliably calculate the water usage from power records based on current information, consistent power usage throughout the period of record supports the historical irrigation narrative, including consistent irrigation of all established infrastructure.

### **Estimates of Water Use**

The following section presents the estimates of water use for each purpose of use authorized under the subject water rights. When Ecology issued the four subject irrigation water rights, it assumed a water duty of about 2.52 and 5.24 feet/acre, to account for variation in crop type and irrigation practices.

Ecology and Water Conservancy Boards use various estimation methods such as the Washington Irrigation Guide (WIG) to estimate water use. The WIG data show the estimated amount of water required by a crop in excess of rainfall (on average, under average climatic conditions). The original WIG relies on 35-year-old data, a temperature-only model (i.e., Blaney-Criddle method), and poorly documented crop coefficients that were developed using different evapotranspiration equations that produce different reference values for either alfalfa or grass. As such, the WIG for the nearest station (Sunnyside; located about 14 miles to the southwest) indicate a Crop Irrigation Requirement (CIR) between 3.08 and 2.03 feet/acre for alfalfa and winter wheat, respectively.



However, more contemporary and proximate data are available from Washington State University’s (WSU) AgWeatherNet, which includes a station No. 08CF15\* located near Highway 14 at Ste. Michelle Wine Estates. This station indicates a higher CIR for 2021 between 5.47 and 2.56 feet per acre for alfalfa and winter wheat, respectively. Similarly, the CIR for grapes is 1.35 feet per acre. These contemporary data are considered superior because of location, time, and documented methods of collection and data verification via WSU’s quality assurance and control procedures.

Based on the data above, the total irrigation requirement calculations (assuming contemporary [2021] water duties based on best available science and appropriately weighted average application efficiencies based on existing irrigation methods) are shown in Table 6.

**Table 6. Crop and Total Irrigation Requirement**

Crop	Irrigation Type	Crop Irrigation Requirement (feet/acre)	Application Efficiency (Guide 1210)	Consumptive Use (Guide 1210)	Total Irrigation Requirement (feet/acre)
<b>Grapes</b>	Drip	1.35	88%	93%	1.58
<b>Alfalfa</b>	Wheel line	5.47	75%	85%	6.69
	Pivot		80%	95%	6.84
<b>Grains<sup>1</sup></b>	Wheel line	2.56	75%	85%	3.41
	Pivot		80%	95%	3.20
<b>Timothy Hay<sup>2</sup></b>	Wheel line	4.61	75%	85%	6.15
	Pivot		80%	95%	5.76

**Notes:** <sup>1</sup> Grains’ refers to barley, winter wheat, and triticale.

<sup>2</sup> Clover was used as the surrogate crop for timothy hay.

Taking into account the crop patterns provided by the property owners (Table 3), site-specific irrigation infrastructure, and the contemporary CIR from WSU AgWeatherNet (Table 6), the total agricultural water use for the five most recent irrigation seasons ranges from 3,400 to 3,860 afy (Attachment B). Of the total irrigation water use, approximately 3,170 to 3,575 afy is considered consumptive use (Table 6 and Attachment B).

**Stockwater**

The property was originally developed to support livestock, including cows and sheep. The Roberts indicate that they alternate between open range and a more confined operation near the ranch, depending on the time of year. They typical use up to 3,000 gallons per day for about 151 days (November 1 to April 1), equaling about 1.39 afy. Stockwater for sheep is estimated at about 3,000 gallons per day for 120 days (January 1 to May 1), equaling about 1.10 afy. Therefore, total stockwater requirements are estimated at 2.49 afy.

Additional support for stockwater use estimates may be quantified using water demand requirements listed in the Washington State Department of Health *Water System Design Manual*<sup>1</sup>

<sup>1</sup> Washington State Department of Health (DOH) Water System Design Manual Pub 331-123.

(DOH, 2009). The listed stockwater requirement for cows is 12 (cattle or steers) to 20 (yearlings) gallons per day, and sheep are up to 2 gallons per day.

### **Domestic Use**

Groundwater is used for domestic water supply purposes to several residences and support buildings located around the property. It is estimated historical use includes up to 350 gallons per day year round, or about 0.39 afy.

### **Existing Point of Withdrawals**

Irrigation is provided by two authorized points of withdrawal (wells) as shown on Figure 1. Well No. 1 was completed in December 1975 down to a depth of 1,280 feet below ground surface (bgs). Post construction, the well was pumped at 3,350 gpm with about 6 feet of drawdown for a specific capacity of 558 gpm/ft. Well No. 1 was originally equipped with a 500 horsepower turbine pump, which was later replaced with a 350 horsepower pump in conjunction with two 100-horsepower booster pumps. An aquifer test performed by Ecology in 1987 documented that Well No. 1 could produce a maximum instantaneous capacity between 3,000 and 3,300 gpm. During our 2022 site visit, the Roberts stated that the current capacity is between 2,000 and 2,200 gpm.

Upon completion of the well in December 1975, static water level was approximately 116 feet bgs. Water levels of Well No. 1 are well documented and publicly available in Ecology's EIM database (Location ID: CRGWDB-201322). Water level data show that water levels have steadily declined in Well No. 1 since construction in 1975 (Figure 4). The current static water level is estimated at about 380 feet bgs (2017).

Well No. 2 was completed in June 1956 down to a depth of 1,100 feet bgs. Well No. 2 is 6 inches in diameter and used to meet the domestic and livestock needs. Post well construction, the well was pumped at 575 gpm with approximately 40 feet of drawdown, indicating a specific capacity of approximately 143 gpm/foot. During the 2022 site visit, the Roberts confirmed that the instantaneous capacity of Well No. 2 is still approximately 500 gpm.

The driller logs for Well Nos. 1 and 2 are included as Attachment E.

### **Same Source and Same Body of Public Groundwater**

Ecology Policy 2010, *Defining and Delineation of Water Sources*, provides guidance for determining the source of water (including same body of public groundwater) for water resources permitting decisions. In evaluating changes to groundwater rights, the policy describes the intent of the same body of public groundwater test as preserving the priority system among rights within the same source of water and ensuring reliability of water supply during times of shortage.

The Technical Considerations section of Ecology Policy 2010 defines a source of water as a body or bodies of water which:

- Are hydraulically connected;
- Share a common recharge (catchment) area;
- Share a common flow regime; and
- Are isolated from other sources by the presence of effective barriers to hydraulic flow.

The existing points of withdrawal authorized under the four water rights are completed within the Wanapum Basalt Aquifer. The wells are hydraulically connected, receive recharge from the same catchment area, and share a common flow regime. In addition, based on geologic maps (including the Washington State Department of Natural Resources' Geology Portal) no geologic faults or folds are mapped between the two subject wells. In addition, similarities in water levels and observed declines over time, suggest no barriers to hydraulic flow are locally present. It is therefore concluded that both existing wells are completed in the same body of public groundwater.

### ***Impairment Analyses***

RCW 90.03.290 and RCW 90.44.060 require a determination that a water right change will not impair existing rights.

As discussed above, the two proposed points of withdrawal are completed in the Wanapum Basalt Aquifer. Well No. 1 is open to the formation from 778 to 1,280 feet bgs, and Well No. 2 is open to the formation from 500 to 1,100 feet bgs. The well log for Well No. 1 indicates that the productive water bearing zones that supply the wells are located from 700 to 1,280 feet bgs.

To assess the possibility of groundwater impairment, Aspect reviewed Ecology's Water Right Tracking System and Well Log Viewer database to identify the closest groundwater well to the proposed points of withdrawal. In Wautoma Valley there are two wells that penetrate to depths greater than 700 feet bgs: Well Report ID 296428, which is completed to a depth of 1,066 feet bgs, and Well Report ID 829316, which is completed to a depth of 745 feet bgs.

Well No. 296428 is documented to be drilled in the SW $\frac{1}{4}$  of Section 20, T. 12 N., R. 24 E.W.M. However, no well construction documentation exists and the current owner of this land is the Roberts, which excludes this well from the impairment considerations.

Well No. 829316 is located at 16100 State Route 24 which is over a mile away from both proposed points of withdrawal (approximately 7,800 feet from Well No. 1 and 6,620 feet away from Well No. 2). Information regarding well completion, geology, or water bearing zones is not included for this well, so the source aquifer is unknown. However, no impairment is expected because (1) the main water bearing zones for the proposed points of withdrawal are likely deeper than Well No. 829316, (2) Well No. 829316 is over 1 mile away and has an available drawdown of 445 feet, and (3) the proposed changes will not enlarge the annual quantity or instantaneous quantity, so aquifer impacts are expected to remain the same.

### **Proposed Water Right Division**

To determine if an administrative division would be an acceptable permitting pathway for the division of the subject water rights, Aspect referenced Ecology's Water Resource Program Policy 1070 *Administrative Policy for Recording the Agreed Division of Water Rights among Multiple Property Owners*. Policy 1070 states:

*"This policy and the procedures below generally apply to water right certificates where beneficial use has occurred and the water right has become appurtenant to the land on which beneficial use occurs. This policy does not apply to the following typed of water rights:*

- *Water rights where division of property has occurred in a manner not consistent with historic water use, on in which historic water use has not been consistent with the original right.”*

Therefore, because the water rights historical beneficial are not consistent with the original rights, an administrative division is not a suitable permitting pathway. Instead, the water rights will have to go through a water right change process either through Ecology or the local Benton County Water Conservancy Board.

Aspect understands that Wautoma and the Roberts would like to divide the water rights evenly (50/50). Understanding that water rights need to be divided by different attributes (Qi, Qa, or irrigated acres), the proposed division is presented in Table 7 (attached).

## **Limitations**

Work for this project was performed for Wautoma Energy, LLC (Client), and this memorandum was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This memorandum does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Aspect Consulting for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect Consulting. Aspect Consulting’s original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

- Attachments:    Table 7 – Proposed Division of Property Water Rights
- Figure 1 – Existing Places of Use in Wautoma Valley  
                    Figure 2 – Proposed Places of Use in Wautoma Valley  
                    Figure 3 – Annual Power Usage for Well No. 1  
                    Figure 4 – Water Level Declines Documented in Well No. 1
- Attachment A – Water Right Documents  
                    Attachment B – Recent Crop Records  
                    Attachment C – Historical Satellite Imagery  
                    Attachment D – Well No. 1 Power Records  
                    Attachment E – Driller Logs for Well Nos. 1 and 2

# TABLE

# Table 7. Proposed Division of Property Water Rights

Project No. 220252, Benton County, Washington

DRAFT

Water Rights	Proposed Division											
	Certificate Quantities			Valid Quantities			Wautoma Energy			Roberts Ranch		
	Qi	Qa	Irrigated Acres	Qi	Qa	Irrigated Acres	Qi	Qa	Irrigated Acres	Qi	Qa	Irrigated Acres
<b>GWC02720-A</b>												
<b>Irrigation</b>	500.0	498.0	158.0	500.0	498.0	158.0	250.0	249.0	79.0	250.0	249.0	79.0
<b>Domestic/ Stockwater</b>	-	2.0	-	-	2.0	-	-	1.0	-	-	1.0	-
<b>G4-01254(B)C</b>	2,935.4	2,266.0	566.5	2,200.0	2,266.0	566.5	1,100.0	1,133.0	283.3	1,100.0	1,133.0	283.3
<b>G4-24249C</b>	1,000.0	838.0	160.0	0.0	838.0	8.5	0.0	419.0	4.3	0.0	419.0	4.3
<b>G4-25779C</b>	0.0	1,610.0	640.0	0.0	260.2	0.0	0.0	130.1	0.0	0.0	130.1	0.0
<b>Total</b>	4,435.4	5,214.0	1,524.5	2,700.0	3,864.2	733.0	1,350.0	1,932.1	366.5	1,350.0	1,932.1	366.5

Aspect Consulting

8/29/2023

\\yakfps\yak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

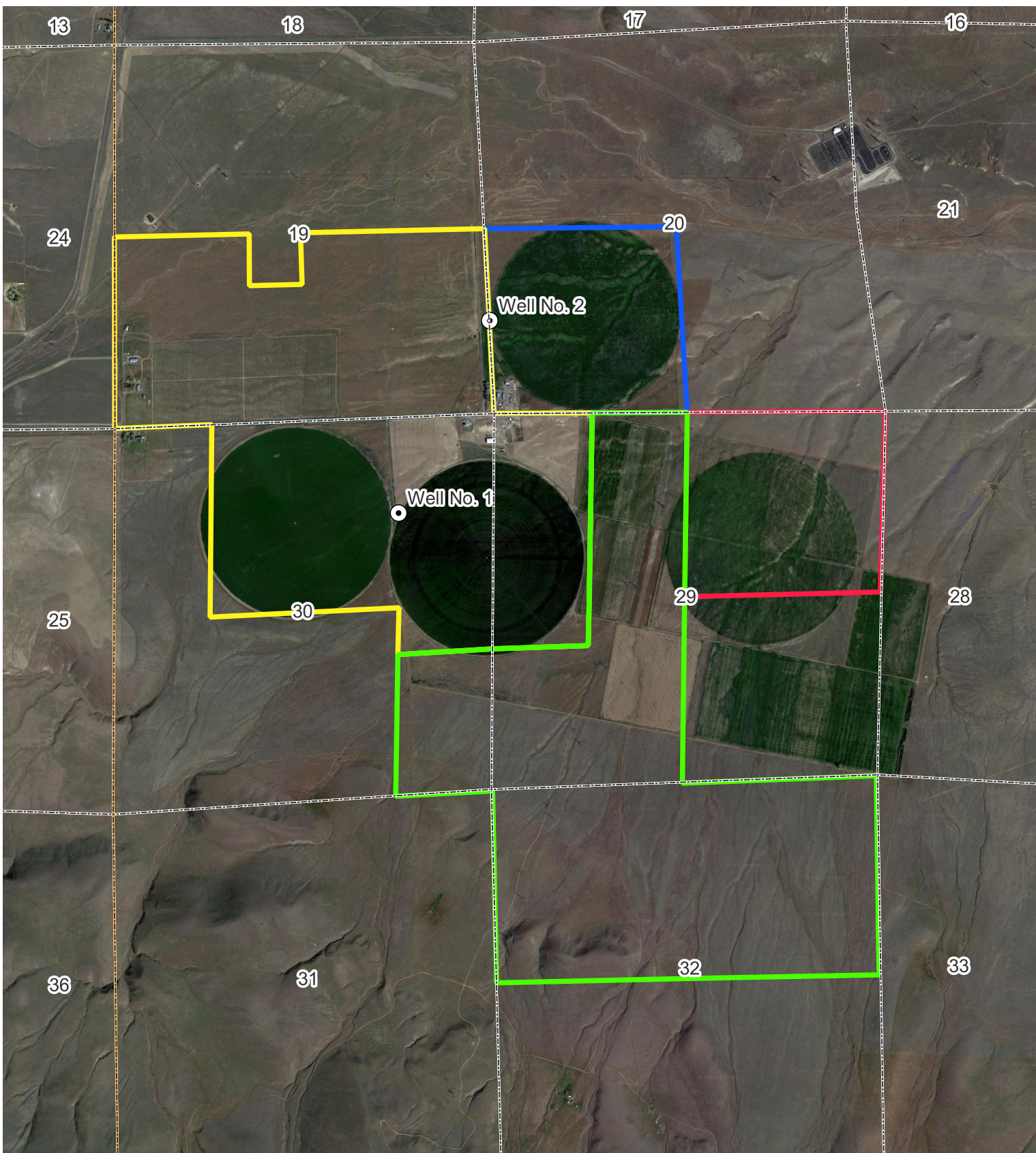
**Table 7**

Water Right Due Diligence Memo

Page 1 of 1

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# FIGURES




**Wautoma Valley Water Rights**

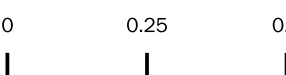
- G4-24249C
- G4-25779C
- GWC02720-A
- G4-01254(B)C

Sections  
 (All within T. 12 N., R. 24 E)

Townships



0      0.25      0.5 mi



## Wautoma Valley Water Rights

Water Right Change Application  
Wautoma Energy, LLC  
Benton County, Washington

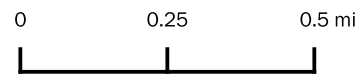
JUL-2023	BY: SSS / ---	FIG NO.
220252-A-91	Page 16 of 120	<b>1</b>





**Legend**

- Proposed Place of Use (Robert Ranch)
- Proposed Place of Use (Wautoma)
- Sections  
(All within T. 12 N., R. 24 E)
- Townships

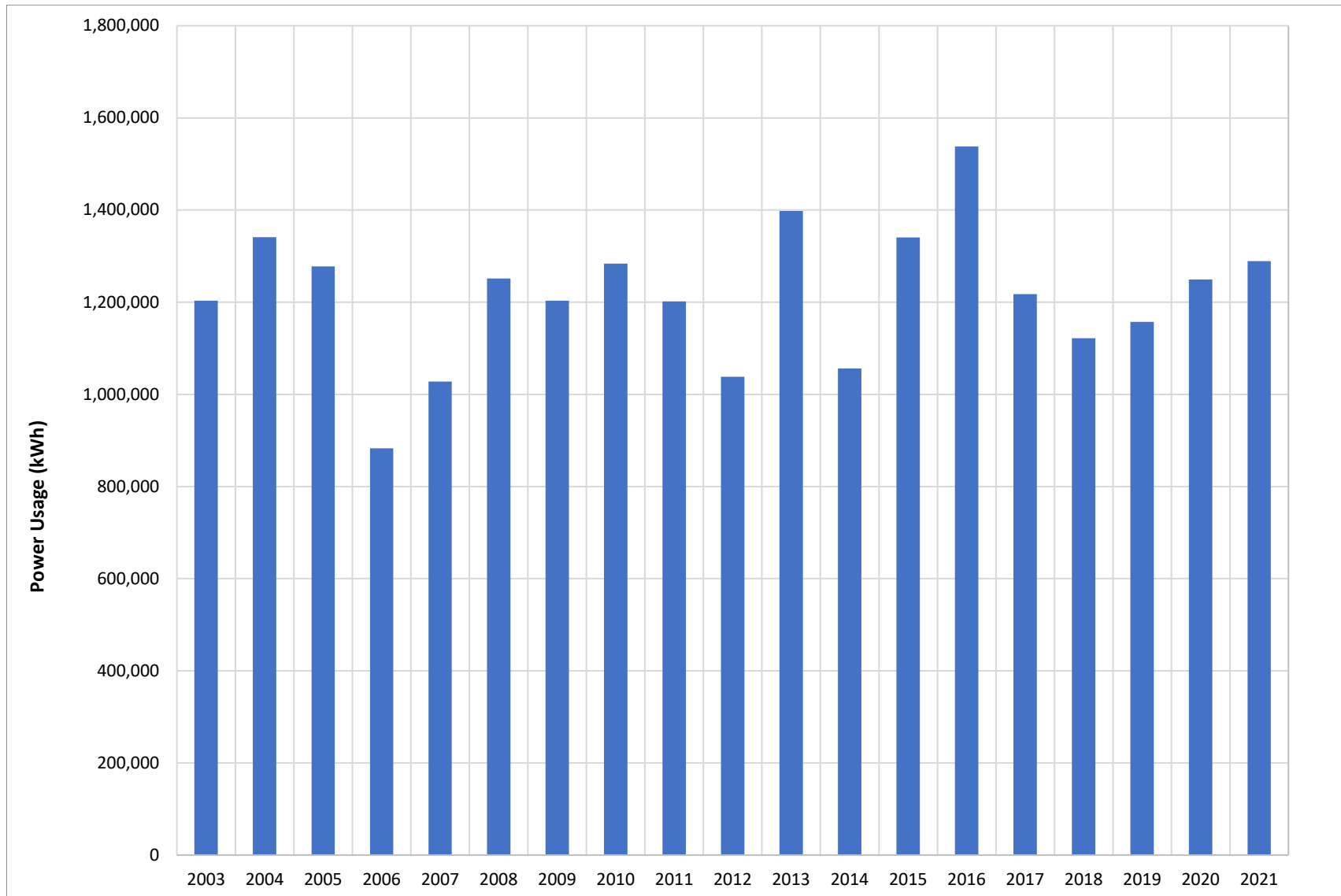


**Wautoma Valley Proposed Place of Use**

Water Right Change Application  
 Wautoma Energy, LLC  
 Benton County, Washington



JUL-2023	BY: SSS / ---	FIG NO. 2
Emergex Exhibit 19 Page 17 of 120		



**Figure 3**  
**Annual Power Usage for Well No. 1**

**Aspect Consulting**

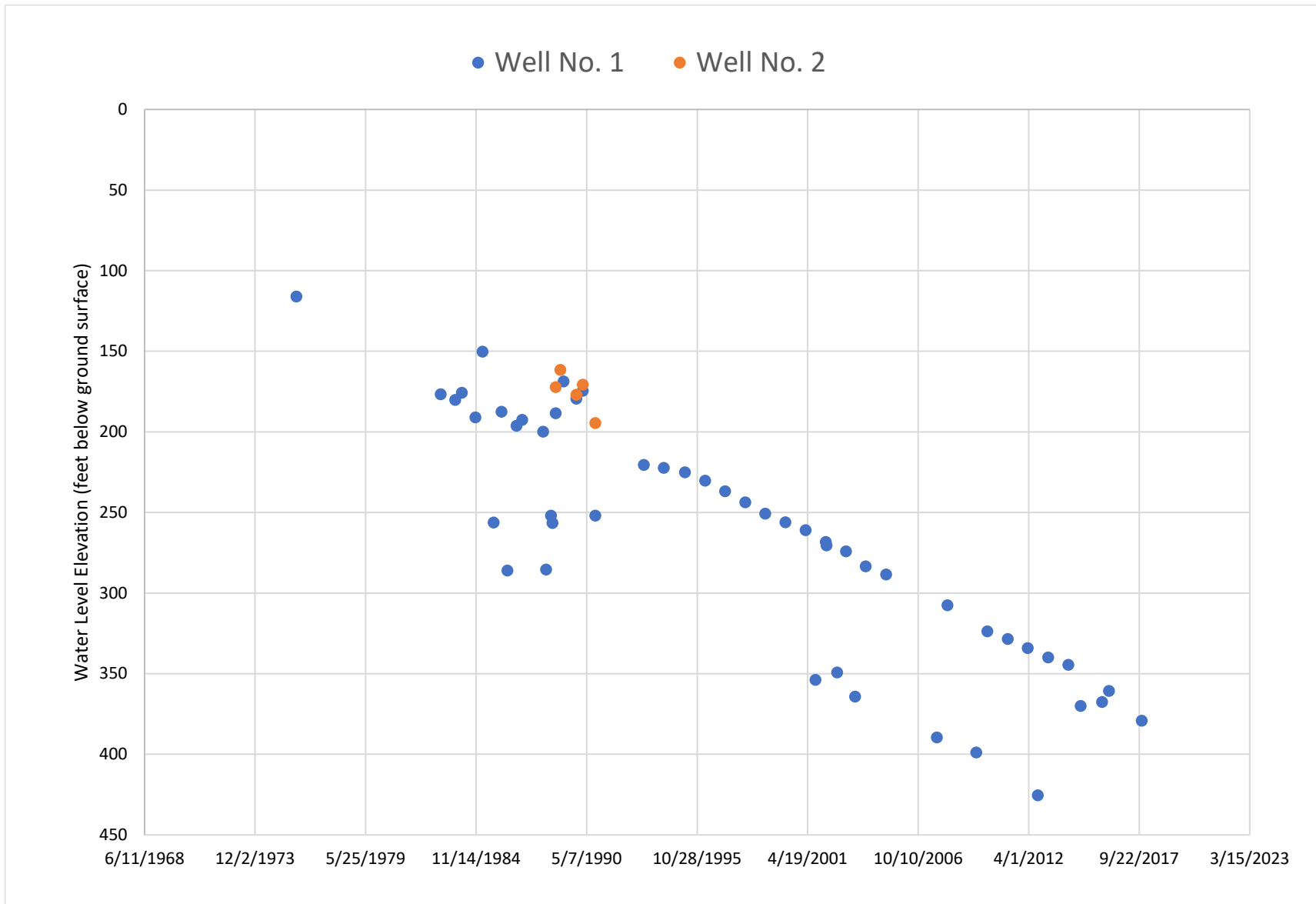
4/14/2023

\\yakfpsyak\_share\Projects\Wautoma Energy LLC\DD Memo\Copy of Water Right Summary Table 6.3.22.xlsx

Wautoma Valley Water Right Change Application

Benton County, WA

Innergex Exhibit 19 - Page 18 of 120



**Figure 4**  
**Groundwater Levels Over Time**

# **ATTACHMENT A**

## **Water Rights Documents**

## Attachment A - Applicable Water Right Files

- 1 - 1987 Certificate for GWC02720-A
- 2 - 1993 Certificate for G4-01254(B)C
- 3 - 1977 Certificate for G4-24249C
- 4 - 1978 Certificate for G4-25779C

*file*

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

SUPERSEDES **CERTIFICATE OF WATER RIGHT** ISSUED 12-10-56

- Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)
- Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE April 26, 1956	APPLICATION NUMBER 4294	PERMIT NUMBER 4141	CERTIFICATE NUMBER 2720-A
---------------------------------	----------------------------	-----------------------	------------------------------

NAME EMILE L. ROBERT AND VICTOR E. ROBERT			
ADDRESS (STREET) 3406 Ahtanum Road	(CITY) Yakima,	(STATE) Washington	(ZIP CODE) 98903

*This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.*

**PUBLIC WATER TO BE APPROPRIATED**

SOURCE Two wells		
TRIBUTARY OF (IF SURFACE WATERS)		
MAXIMUM CURIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 500	MAXIMUM ACRE-FEET PER YEAR 500

QUANTITY, TYPE OF USE, PERIOD OF USE  
Two acre-feet per year to be used continuously for single domestic supply and stockwater;  
498 acre-feet per year to be used for the irrigation of 158 acres.

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
#1: 1300 feet north and 60 feet east of the southwest corner of Section 20.  
#2: 1320 feet sout and 1320 feet west of the northeast corner of Section 30.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SW $\frac{1}{4}$ SW $\frac{1}{4}$ and NE $\frac{1}{4}$	SECTION 20/30	TOWNSHIP N. 12	RANGE, (E. OR W.) W.M. 24 E.	W.R.I.A. 37	COUNTY Benton
---	------------------	-------------------	---------------------------------	----------------	------------------

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

SW $\frac{1}{4}$  Section 20, T., 12 N., R. 24 E.W.M.

Well No. 1 is used solely for domestic supply and stockwatering.

This superseding certificate is a result of approval of an application for change and recession of the previously issued certificate.

*The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.*

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Yakima Washington, this 21st day of July, 19 87

Department of Ecology

ENGINEERING DATA  
OK *CR*  
BJ:vaw

by *Russell K. Taylor*  
RUSSELL K. TAYLOR, P.E., REGIONAL MANAGER

FOR COUNTY USE ONLY

STATE OF WASHINGTON  
 DEPARTMENT OF ECOLOGY  
 Superseding  
**CERTIFICATE OF WATER RIGHT**

VOL. 573 PAGE 1600 <sup>FVI</sup>

Supersedes Certificate Issued January 13, 1978

93- 1918

Surface Water

(Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

1993 Certificate G4-01254(B)C

Ground Water

(Issued in accordance with the provisions of Chapter 250, Laws of Washington for 1948, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE July 22, 1966	APPLICATION NUMBER 8212	PERMIT NUMBER 7685	CERTIFICATE NUMBER G4-01254(B)C
--------------------------------	----------------------------	-----------------------	------------------------------------

NAME  
**Emile L. Robert, Jr. and Victor E. Robert**

ADDRESS (STREET) (CITY) (STATE) (ZIP CODE)  
 3406 Ahtanum Road Yakima Washington 98903

*This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.*

**PUBLIC WATERS TO BE APPROPRIATED**

SOURCE  
 a well

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 2935.4	MAXIMUM ACRE-FEET PER YEAR 2266
-------------------------------	--------------------------------------	------------------------------------

QUANTITY, TYPE OF USE, PERIOD OF USE

2266 acre-feet per year for irrigation of 566.5 acres from March 1 to October 15.

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION--WITHDRAWAL

1320 feet west and 1320 feet south from the northeast corner of Section 30

LOCATED WITHIN SMALLEST LEGAL SUBDIVISION NE¼	SECTION 30	TOWNSHIP N. 12	RANGE, (E. OR W.) W.M. 24 E.	W.R.I.A. 37	COUNTY Benton
--	---------------	-------------------	---------------------------------	----------------	------------------

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

The S½ of Section 19, EXCEPT that portion of the NE¼SW¼ described as follows: Beginning at the center of Section 19; thence west 723 feet; thence south 723 feet; thence east 723 feet; thence north 723 feet to the point of beginning; the E¼N½, N¼NE¼SE¼ of Section 30; the W¼NW¼ and N¼NW¼SW¼ of Section 29, all within T. 12 N., R. 24 E.W.M., Benton County, Washington.

Mail to  
 Dept of Ecology  
 3601 W. Washington  
 Yakima, Wa. 98903

REC'D  
 JUN 22 9 54 AM '93

*Cross Reference  
 Information only*



PROVISIONS

Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gage may be installed in addition to the access port.



*The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.*

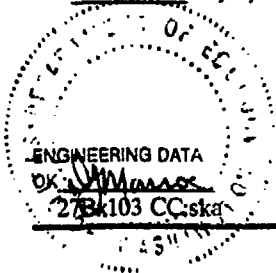
**This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.**

*Given under my hand and the seal of this office at Yakima, Washington,*

this 22nd day of January, 1993.

Department of Ecology

by *Doug Clausing*  
Doug Clausing, Section Manager



**FOR COUNTY USE ONLY**

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*Receipt  
73036  
file*

CERTIFICATE OF WATER RIGHT

- Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)
- Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE <b>April 8, 1976</b>	APPLICATION NUMBER <b>64-24249</b>	PERMIT NUMBER <b>64-24269P</b>	CERTIFICATE NUMBER <b>64-24269C</b>
---------------------------------------	---------------------------------------	-----------------------------------	--

NAME  
**EMILE L. ROBERT, JR. and VICTOR E. ROBERT**

ADDRESS (STREET) <b>1124 South 29th Avenue</b>	(CITY) <b>Yakima</b>	(STATE) <b>Washington</b>	(ZIP CODE) <b>98902</b>
---	-------------------------	------------------------------	----------------------------

*This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown.*

PUBLIC WATER TO BE APPROPRIATED

SOURCE  
**A well**

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE <b>1000</b>	MAXIMUM ACRE-FEET PER YEAR <b>638</b>
-------------------------------	---	--

QUANTITY, TYPE OF USE, PERIOD OF USE  
**To be used from April 1 to October 1, for the irrigation of 160 acres.**

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
**1920 feet west and 1920 feet south from the northeast corner of Sec. 30.**

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <b>NE<math>\frac{1}{4}</math></b>	SECTION <b>30</b>	TOWNSHIP N. <b>12</b>	RANGE, (E. OR W.) W.M. <b>24 E.</b>	W.R.I.A. <b>97</b>	COUNTY <b>Benton</b>
--	----------------------	--------------------------	--	-----------------------	-------------------------

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

**NE $\frac{1}{4}$  of Sec. 29, T. 12 N., R. 24 E.W.M.**

NOTICE: THIS CERTIFICATE IS VOID UNLESS THE APPLICANT HAS COMPLIED WITH THE REQUIREMENTS OF RCW 90.03.010 AND RCW 90.03.020.

PROVISIONS

Certificate holder shall maintain an access port as described in Ground Water Bulletin No. 1.

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Yakima Washington, this 19th day of October, 1977.

ENGINEERING DATA  
OK [Signature]

Department of Ecology

Russell K. Taylor

Russell K. Taylor, Regional Manager

FOR COUNTY USE ONLY

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*Receipt # 82060*

**CERTIFICATE OF WATER RIGHT**

- Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)
- Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1946, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE <b>March 16, 1978</b>	APPLICATION NUMBER <b>G4-25779</b>	PERMIT NUMBER <b>G4-25779P</b>	CERTIFICATE NUMBER <b>G4-25779C</b>
--	---------------------------------------	-----------------------------------	--

NAME <b>EMILE L. ROBERT AND VICTOR E. ROBERT</b>			
ADDRESS (STREET) <b>612 North 20th Avenue</b>	(CITY) <b>Yakima</b>	(STATE) <b>Washington</b>	(ZIP CODE) <b>98902</b>

*This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown.*

**PUBLIC WATER TO BE APPROPRIATED**

SOURCE <b>A well</b>
TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE <b>0</b>	MAXIMUM ACRE-FEET PER YEAR <b>1610</b>
-------------------------------	--	---

QUANTITY, TYPE OF USE, PERIOD OF USE  
**To be used from March 1 to October 15 for the irrigation of 640 acres.**

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
**1320 feet west and 1320 feet south from the northeast corner of Sec. 30.**

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <b>NE<sup>1</sup>/<sub>4</sub></b>	SECTION <b>30</b>	TOWNSHIP N. <b>12</b>	RANGE, (E. OR W.) W.M. <b>24 E.</b>	W.R.T.A. <b>37</b>	COUNTY <b>Benton</b>
---	----------------------	--------------------------	--	-----------------------	-------------------------

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

**E<sup>1</sup>/<sub>2</sub> NW<sup>1</sup>/<sub>4</sub> and SW<sup>1</sup>/<sub>4</sub>, Sec. 29; E<sup>1</sup>/<sub>2</sub> SE<sup>1</sup>/<sub>4</sub>, Sec. 30 AND N<sup>1</sup>/<sub>2</sub>, Sec. 32, T. 12 N., R. 24 E.W.M. of Benton County, EXCEPT the N<sup>1</sup>/<sub>2</sub> NE<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> of Sec. 30, covered under Ground Water Certificate No. G4-01254C AND the N<sup>1</sup>/<sub>2</sub> NW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> of Sec. 29 under Ground Water Certificate No. G4-24249C.**

PROVISIONS

Certificate holder shall maintain an access port as described in Ground Water Bulletin No. 1.

"This authorization to use public waters of the state is classified as a Family Farm Permit in accordance with Initiative Measure No. 59. This means the land being irrigated under this authorization shall comply with the following definition: Family Farm -- a geographic area including not more than two thousand acres of irrigated agricultural lands, whether contiguous or noncontiguous, the controlling interest in which is held by a person having a controlling interest in no more than two thousand acres of irrigated agricultural lands in the State of Washington which are irrigated under water rights acquired after December 8, 1977. Furthermore, the land being irrigated under this authorization must continue to conform to the definition of a family farm."

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Yakima, Washington, this 23rd day of August, 1978.

Department of Ecology

*Russell K. Taylor*

by .....

**Russell K. Taylor, Regional Manager**

ENGINEERING DATA

OK..... *[Signature]*

1e

FOR COUNTY USE ONLY

# **ATTACHMENT B**

## **Recent Crop Records**

# Attachment B. Crop Records and Water Use

Project No. 220252, Benton County, Washington

DRAFT

## 2023 Irrigation Season

Field Number	Crop Type	Acres Planted	Irrigation Method	CIR (ft/ac)	Ea (%)	TIR (ft/ac)	TIR (afy)	TIR (afy-CU)
1	Grapes	60	Drip	1.35	0.88	1.53	92.0	85.6
2a	Alfalfa	63.5	Center Pivot	5.47	0.8	6.84	434.2	412.5
2b	Timothy Hay	63.5	Center Pivot	4.61	0.75	6.15	390.3	370.8
3	Winter Wheat	129	Center Pivot	2.56	0.8	3.20	412.8	392.2
4	Alfalfa	127	Center Pivot	5.47	0.8	6.84	868.4	824.9
5a	Barley	60	Center Pivot	2.56	0.8	3.20	192.0	182.4
5b	Alfalfa	60	Center Pivot	5.47	0.8	6.84	410.3	389.7
6a	Triticale	15	Wheeline	2.56	0.75	3.41	51.2	43.5
6b	Alfalfa	15	Wheeline	5.47	0.75	7.29	109.4	93.0
6c	Alfalfa	17	Wheeline	5.47	0.75	7.29	124.0	105.4
6d	Barley	8	Wheeline	2.56	0.75	3.41	27.3	23.2
7	Fallow	30	Wheeline					
8a	Fallow	40	Wheeline					
8b	Barley	40	Wheeline	2.56	0.75	3.41	136.5	116.1
8c	Triticale	45	Wheeline	2.56	0.75	3.41	153.6	130.6
<b>Total</b>		<b>703</b>					<b>3402.0</b>	<b>3169.8</b>

### Notes

1. Crop Irrigation Requirement (CIR) was determined using WSU AgWeather Net Station No. 08CF15\*
2. Total Irrigation Requirement (TIR) = Crop Irrigation Requirement (CIR) / Application Efficiency (Ea)
3. Winter wheat was the surrogate crop for barley and triticale
4. Clover was the surrogate crop for Timothy Hay

Aspect Consulting

8/23/2023

\\yakfpsyak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

**Attachment B**

Water Right Due Dlligence Memo

Page 1 of 5

Innergex Exhibit 19 - Page 31 of 120

## Attachment B. Crop Records and Water Use

Project No. 220252, Benton County, Washington

DRAFT

### 2022 Irrigation Season

Field Number	Crop Type	Acres Planted	Irrigation Method	CIR (ft/ac)	Ea (%)	TIR (ft/ac)	TIR (afy)	TIR (afy-CU)
1	Grapes	60	Drip	1.35	0.88	1.53	92.0	85.6
2a	Alfalfa	63.5	Center Pivot	5.47	0.75	7.29	463.1	440.0
2b	Timothy Hay	63.5	Center Pivot	4.61	0.75	6.15	390.3	370.8
3	Winter Wheat	129	Center Pivot	2.56	0.75	3.41	440.3	418.3
4	Alfalfa	127	Center Pivot	5.47	0.75	7.29	926.3	879.9
5	Winter Wheat	120	Center Pivot	2.56	0.75	3.41	409.6	389.1
6a	Triticale	15	Wheeline	2.56	0.8	3.20	48.0	40.8
6b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
6c	Alfalfa	17	Wheeline	5.47	0.8	6.84	116.2	98.8
6d	Barley	8	Wheeline	2.56	0.8	3.20	25.6	21.8
7	Fallow	30	Wheeline					
8a	Barley	40	Wheeline	2.56	0.8	3.20	128.0	108.8
8b	Barley	40	Wheeline	2.56	0.8	3.20	128.0	108.8
8c	Triticale	45	Wheeline	2.56	0.8	3.20	144.0	122.4
<b>Total</b>		<b>743</b>					<b>3414.1</b>	<b>3172.3</b>

#### Notes

1. Crop Irrigation Requirement (CIR) was determined using WSU AgWeather Net Station No. 08CF15\*
2. Total Irrigation Requirement (TIR) = Crop Irrigation Requirement (CIR) / Application Efficiency (Ea)
3. Winter wheat was the surrogate crop for barley and triticale
4. Clover was the surrogate crop for Timothy Hay

Aspect Consulting

8/23/2023

\\yakfpsyak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

Attachment B

Water Right Due Diligence Memo

Page 2 of 5

Innergex Exhibit 19 - Page 32 of 120



# Attachment B. Crop Records and Water Use

Project No. 220252, Benton County, Washington

DRAFT

## 2021 Irrigation Season

Field Number	Crop Type	Acres Planted	Irrigation Method	CIR (ft/ac)	Ea (%)	TIR (ft/ac)	TIR (afy)	TIR (afy-CU)
1	Grapes	60	Drip	1.35	0.88	1.53	92.0	85.6
2a	Alfalfa	63.5	Center Pivot	5.47	0.75	7.29	463.1	440.0
2b	Timothy Hay	63.5	Center Pivot	4.61	0.75	6.15	390.3	370.8
3	Winter Wheat	129	Center Pivot	2.56	0.75	3.41	440.3	418.3
4	Alfalfa	127	Center Pivot	5.47	0.75	7.29	926.3	879.9
5	Wheat	120	Center Pivot	2.56	0.75	3.41	409.6	389.1
6a	Triticale	15	Wheeline	2.56	0.8	3.20	48.0	40.8
6b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
6c	Alfalfa	17	Wheeline	5.47	0.8	6.84	116.2	98.8
6d	Alfalfa/ Barley	8	Wheeline	4.02	0.8	5.02	40.2	34.1
7a	Tricale	15	Wheeline	2.56	0.8	3.20	48.0	40.8
7b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
8a	Fallow	40	Wheeline					
8b	Barley	40	Wheeline	2.56	0.8	3.20	128.0	108.8
8c	Wheat	45	Wheeline	2.56	0.8	3.20	144.0	122.4
<b>Total</b>		<b>733</b>					<b>3451.2</b>	<b>3203.8</b>

### Notes

1. Crop Irrigation Requirement (CIR) was determined using WSU AgWeather Net Station No. 08CF15\*
2. Total Irrigation Requirement (TIR) = Crop Irrigation Requirement (CIR) / Application Efficiency (Ea)
3. Winter wheat was the surrogate crop for barley and triticale
4. Clover was the surrogate crop for Timothy Hay

Aspect Consulting

8/23/2023

\\yakfpsyak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

**Attachment B**

Water Right Due Dlligence Memo

Page 3 of 5

Innergex Exhibit 19 - Page 33 of 120

# Attachment B. Crop Records and Water Use

Project No. 220252, Benton County, Washington

DRAFT

## 2020 Irrigation Season

Field Number	Crop Type	Acres Planted	Irrigation Method	CIR (ft/ac)	Ea (%)	TIR (ft/ac)	TIR (afy)	TIR (afy-CU)
1	Grapes	60	Drip	1.35	0.88	1.53	92.0	85.6
2a	Alfalfa	63.5	Center Pivot	5.47	0.75	7.29	463.1	440.0
2b	Hay	63.5	Center Pivot	4.61	0.75	6.15	390.3	370.8
3	Winter Wheat	129	Center Pivot	2.56	0.75	3.41	440.3	418.3
4	Alfalfa	127	Center Pivot	5.47	0.75	7.29	926.3	879.9
5a	Barley	60	Center Pivot	2.56	0.75	3.41	204.8	194.6
5b	Alfalfa	60	Center Pivot	5.47	0.75	7.29	437.6	415.7
6a	Wheat	15	Wheeline	2.56	0.8	3.20	48.0	40.8
6b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
6c	Alfalfa	17	Wheeline	5.47	0.8	6.84	116.2	98.8
6d	Alfalfa	8	Wheeline	5.47	0.8	6.84	54.7	46.5
7a	Tricale	15	Wheeline	2.56	0.8	3.20	48.0	40.8
7b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
8a	Fallow	40	Wheeline					
8b	Tricale	40	Wheeline	2.56	0.8	3.20	128.0	108.8
8c	Alfalfa	45	Wheeline	5.47	0.8	6.84	307.7	261.5
<b>Total</b>		<b>733</b>					<b>3862.2</b>	<b>3576.5</b>

### Notes

1. Crop Irrigation Requirement (CIR) was determined using WSU AgWeather Net Station No. 08CF15\*
2. Total Irrigation Requirement (TIR) = Crop Irrigation Requirement (CIR) / Application Efficiency (Ea)
3. Winter wheat was the surrogate crop for barley and triticales
4. Clover was the surrogate crop for Timothy Hay

Aspect Consulting

8/23/2023

\\yakfpsyak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

Attachment B

Water Right Due Dlligence Memo

Page 4 of 5

Innergex Exhibit 19 - Page 34 of 120

# Attachment B. Crop Records and Water Use

Project No. 220252, Benton County, Washington

DRAFT

## 2019 Irrigation Season

Field Number	Crop Type	Acres Planted	Irrigation Method	CIR (ft/ac)	Ea (%)	TIR (ft/ac)	TIR (afy)	TIR (afy-CU)
1	Grapes	60	Drip	1.35	0.88	1.53	92.0	85.6
2	Spring Wheat	127	Center Pivot	2.56	0.75	3.41	433.5	411.8
3	Spring Wheat	129	Center Pivot	2.56	0.75	3.41	440.3	418.3
4	Alfalfa	127	Center Pivot	5.47	0.75	7.29	926.3	879.9
5	Alfalfa	120	Center Pivot	5.47	0.75	7.29	875.2	831.4
6a	Wheat	15	Wheeline	2.56	0.8	3.20	48.0	40.8
6b	Alfalfa	15	Wheeline	5.47	0.8	6.84	102.6	87.2
6c	Alfalfa	17	Wheeline	5.47	0.8	6.84	116.2	98.8
6d	Alfalfa	8	Wheeline	5.47	0.8	6.84	54.7	46.5
7a	Tricale	15	Wheeline	2.56	0.8		48.0	40.8
7b	Alfalfa	15	Wheeline	5.47	0.8		102.6	87.2
8a	Barley	40	Wheeline	2.56	0.8		128.0	108.8
8b	Tricale	40	Wheeline	2.56	0.8	3.20	128.0	108.8
8c	Alfalfa	45	Wheeline	5.47	0.8	6.84	307.7	261.5
<b>Total</b>		<b>773</b>					<b>3803.1</b>	<b>3507.5</b>

### Notes

1. Crop Irrigation Requirement (CIR) was determined using WSU AgWeather Net Station No. 08CF15\*
2. Total Irrigation Requirement (TIR) = Crop Irrigation Requirement (CIR) / Application Efficiency (Ea)
3. Winter wheat was the surrogate crop for barley and triticales
4. Clover was the surrogate crop for Timothy Hay

Aspect Consulting

8/23/2023

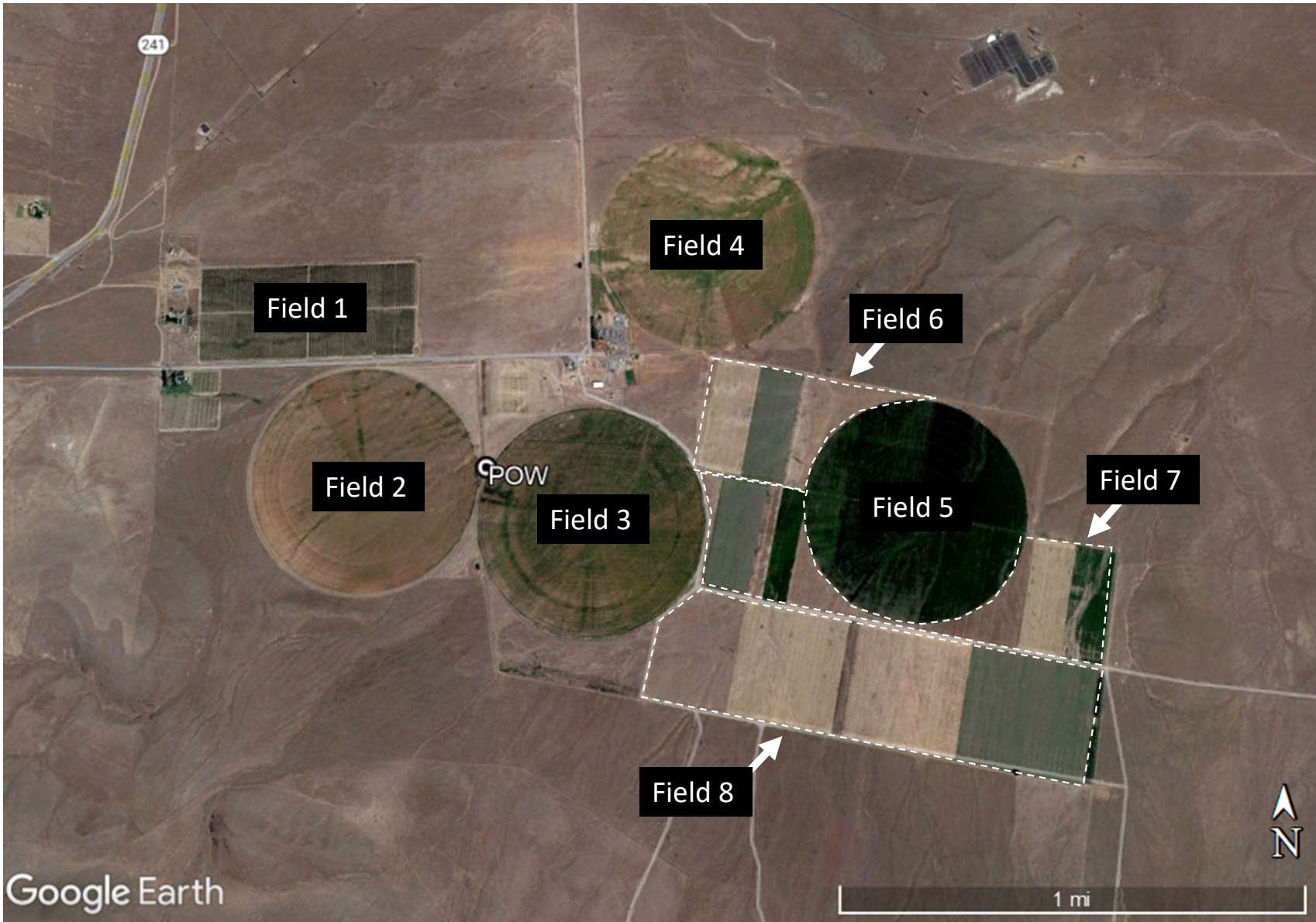
\\yakfpsyak\_share\Projects\Wautoma Energy LLC\Historic Irrigation\Irrigation Table (6.30.23)

**Attachment B**

Water Right Due Dlligence Memo

Page 5 of 5

Innergex Exhibit 19 - Page 35 of 120

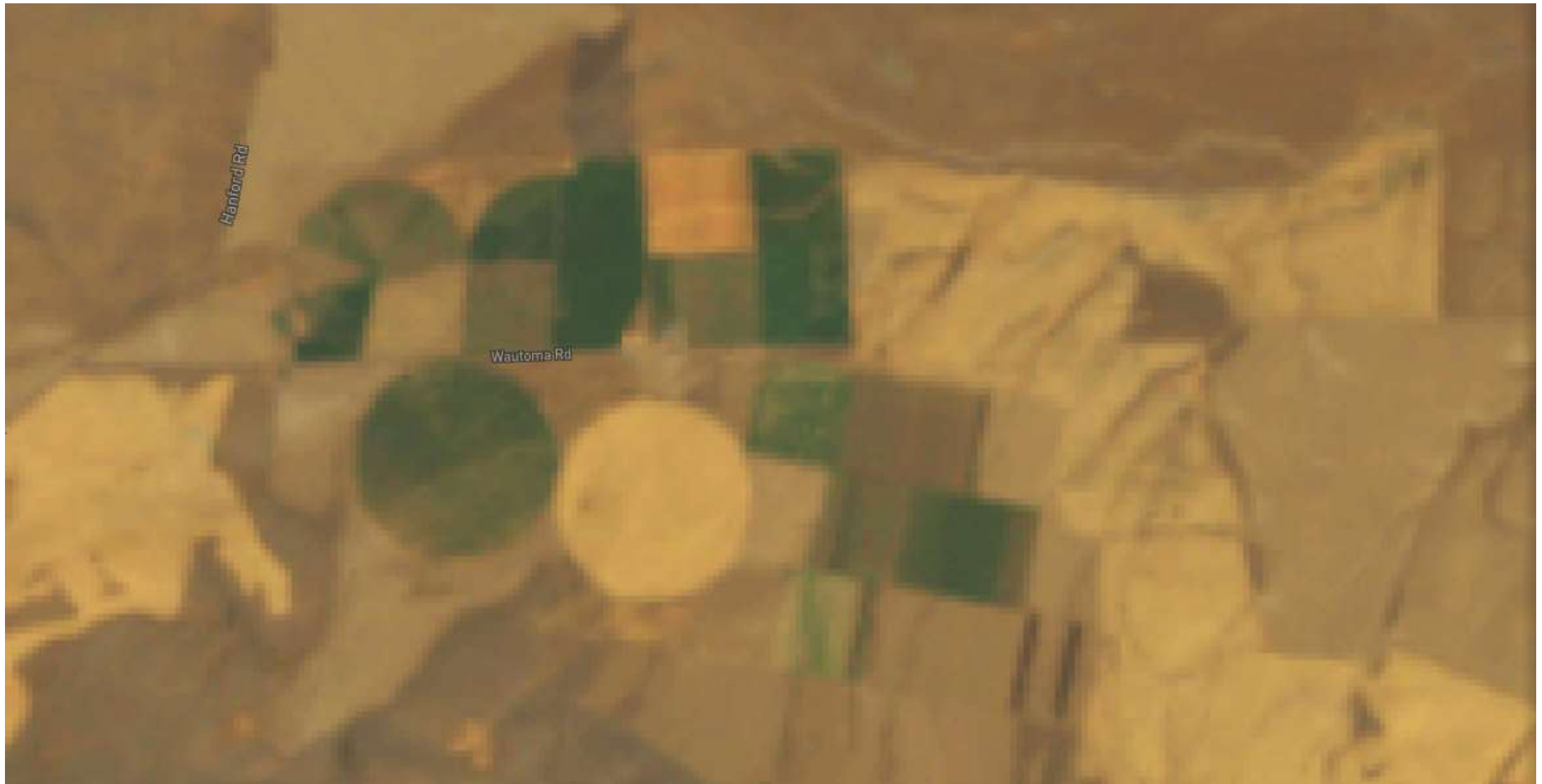


# **ATTACHMENT C**

## **Historical Satellite Imagery**

**August 1983**

Imagery Source: Landsatlook.usgs.gov



**July 1984**

Imagery Source: Landsatlook.usgs.gov



May 1985

Imagery Source: Landsatlook.usgs.gov





June 1985

Imagery Source: Landsatlook.usgs.gov



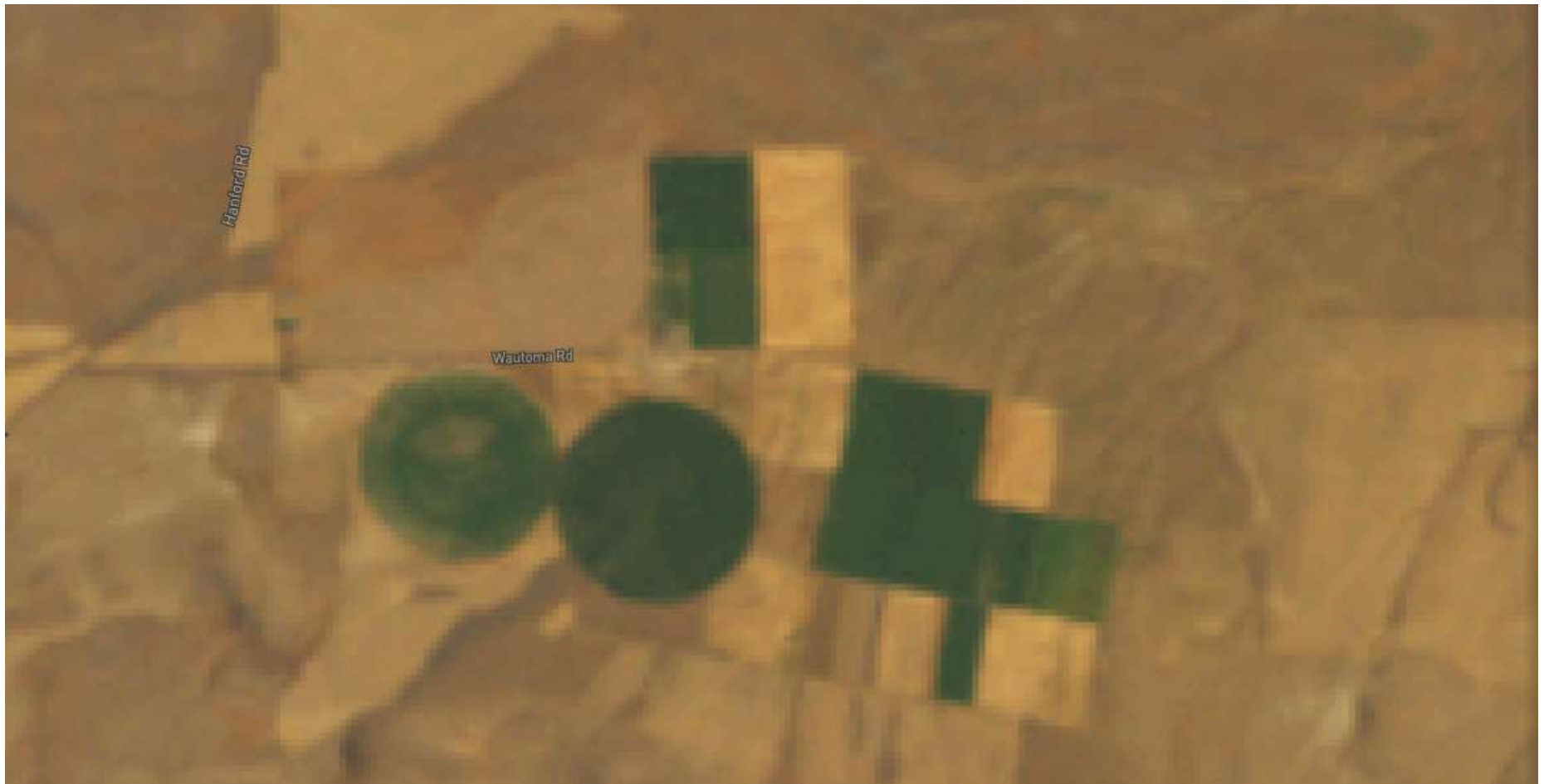
April 1986

Imagery Source: Landsatlook.usgs.gov



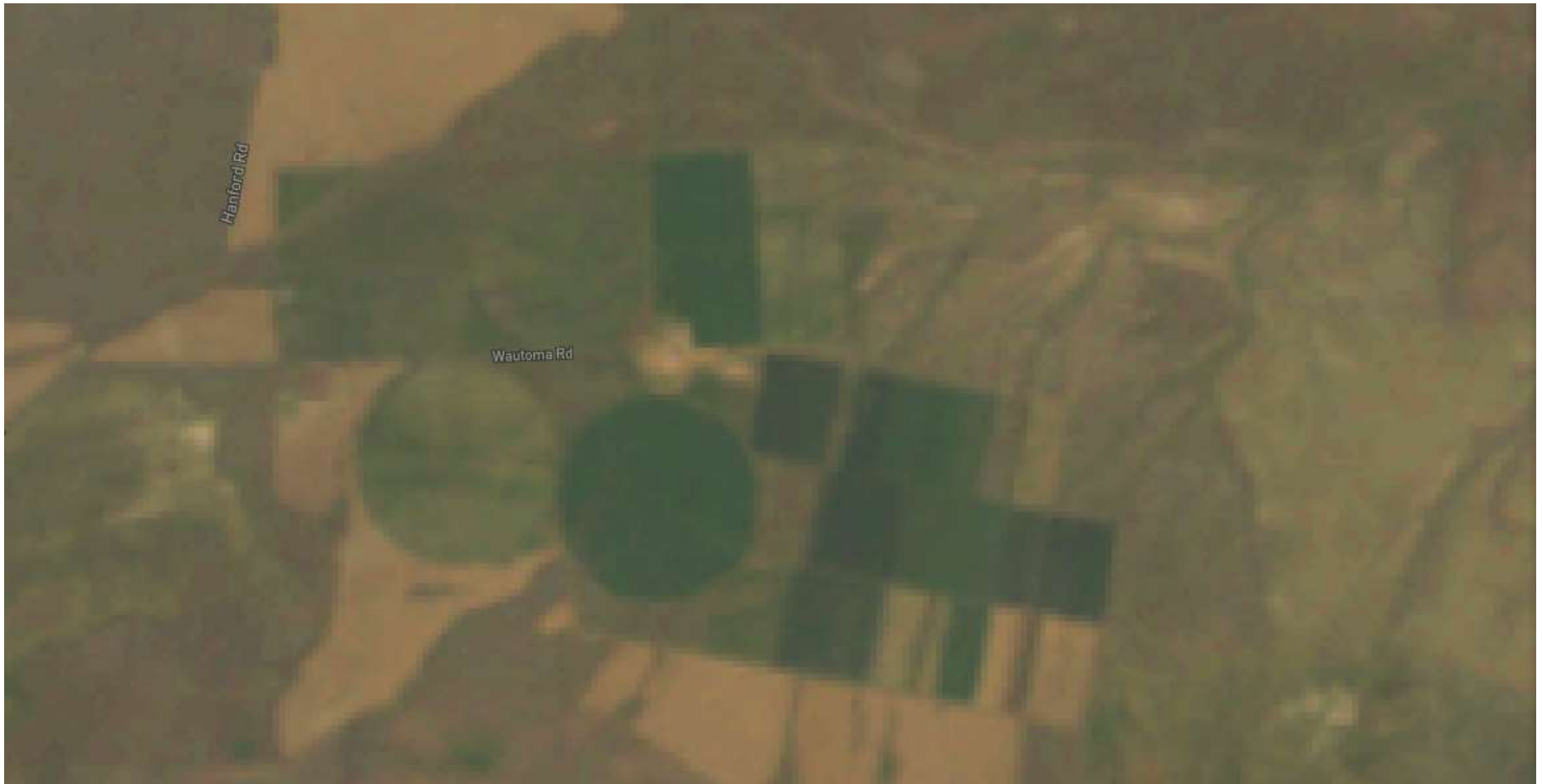
August 1986

Imagery Source: Landsatlook.usgs.gov



**April 1987**

Imagery Source: Landsatlook.usgs.gov



August 1987

Imagery Source: Landsatlook.usgs.gov



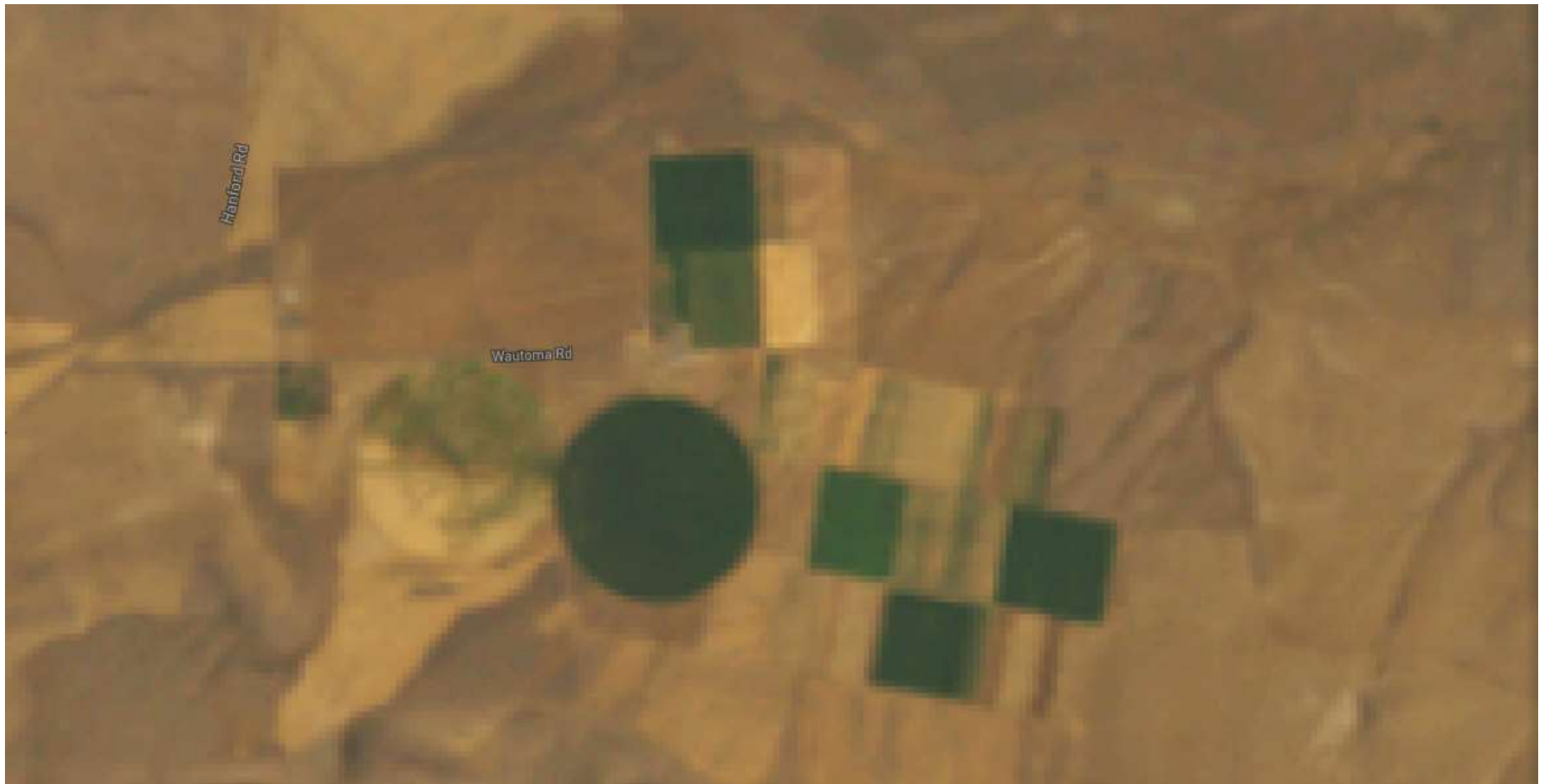
May 1988

Imagery Source: Landsatlook.usgs.gov



September 1988

Imagery Source: Landsatlook.usgs.gov



May 1989

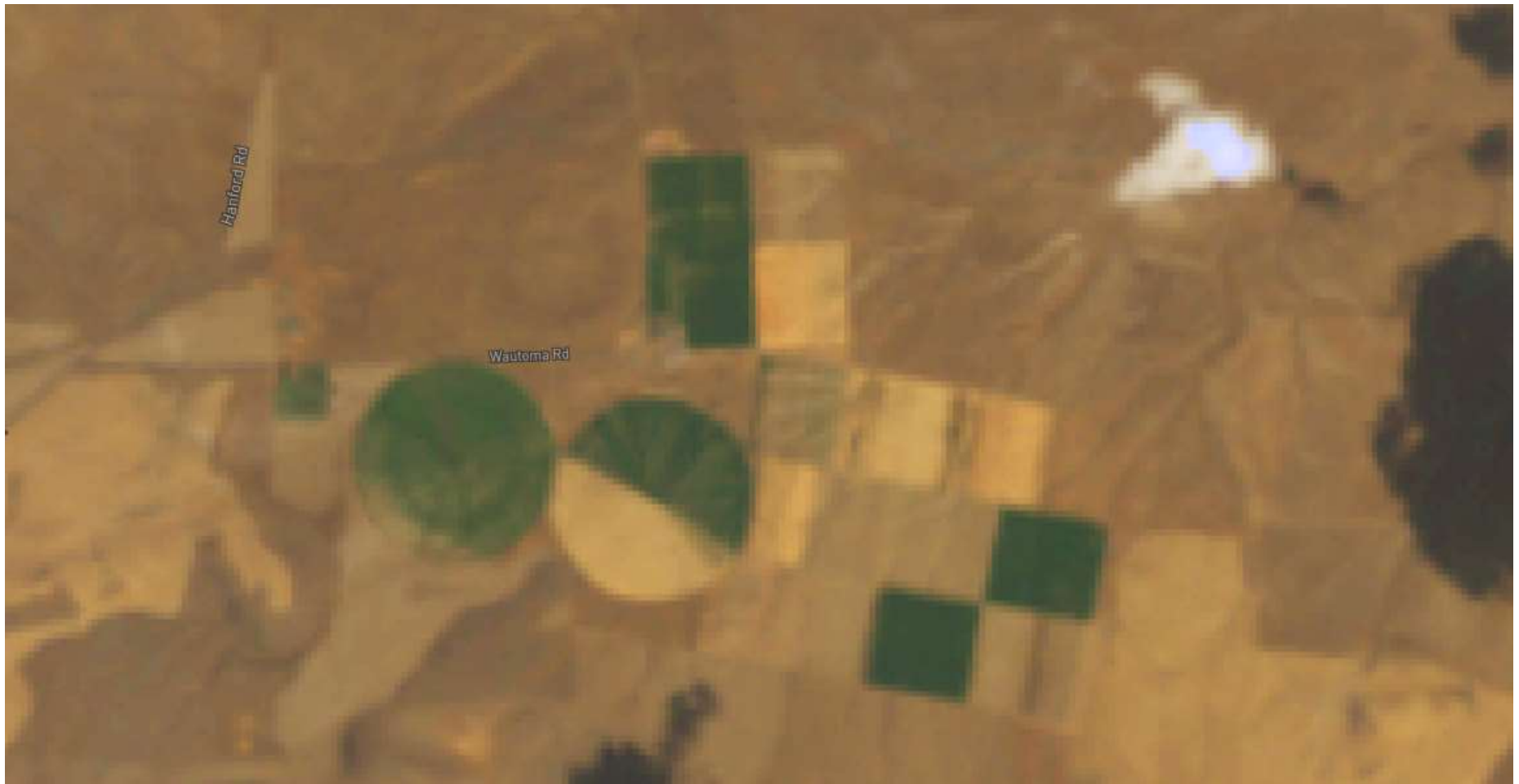
Imagery Source: Landsatlook.usgs.gov





August 1989

Imagery Source: Landsatlook.usgs.gov



May 1990

Imagery Source: Landsatlook.usgs.gov



October 1990

Imagery Source: Landsatlook.usgs.gov



June 1991

Imagery Source: Landsatlook.usgs.gov



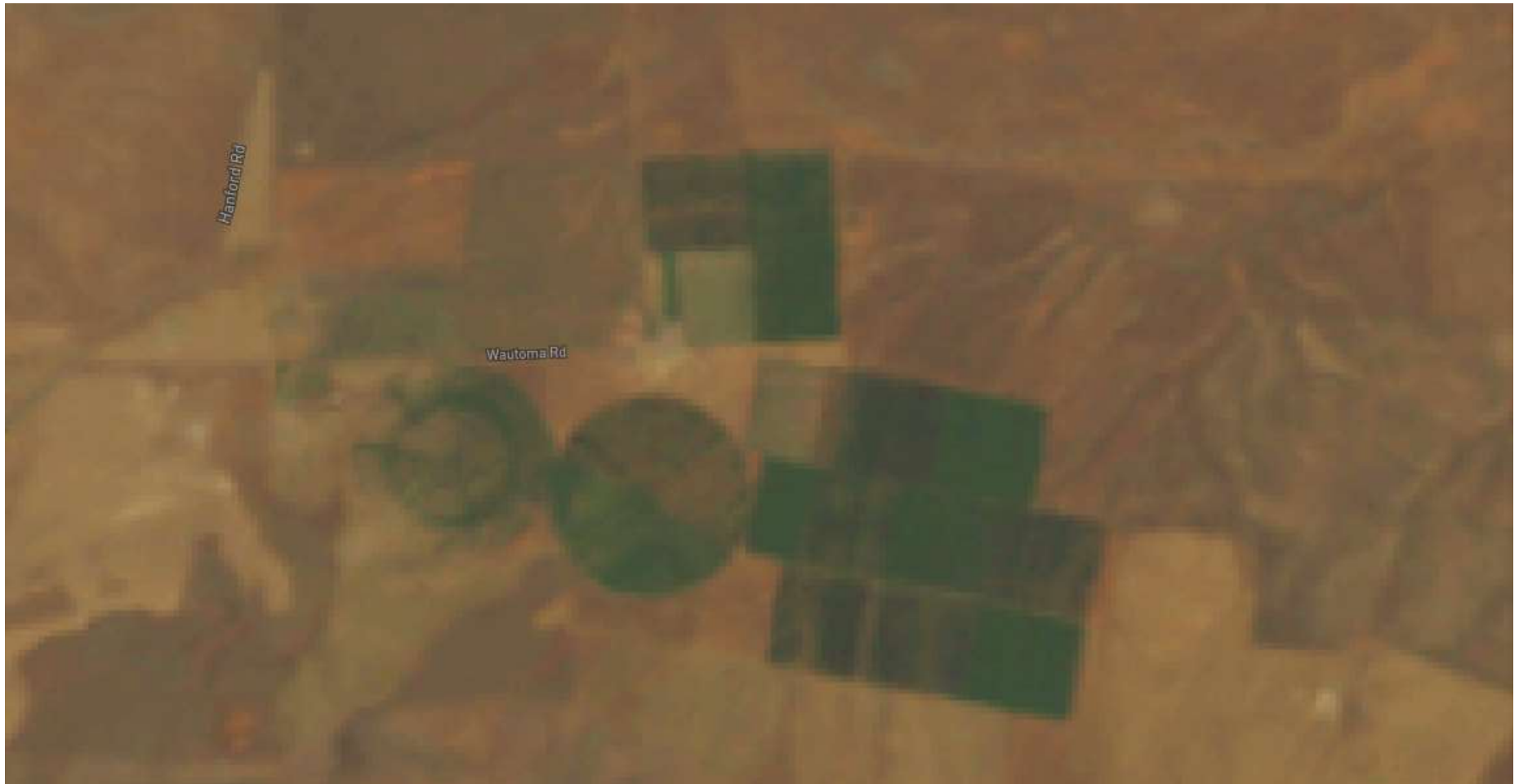
June 1991

Imagery Source: Landsatlook.usgs.gov



May 1992

Imagery Source: Landsatlook.usgs.gov



October 1992

Imagery Source: Landsatlook.usgs.gov



May 1993

Imagery Source: Landsatlook.usgs.gov





October 1993

Imagery Source: Landsatlook.usgs.gov



May 1994

Imagery Source: Landsatlook.usgs.gov



October 1994

Imagery Source: Landsatlook.usgs.gov



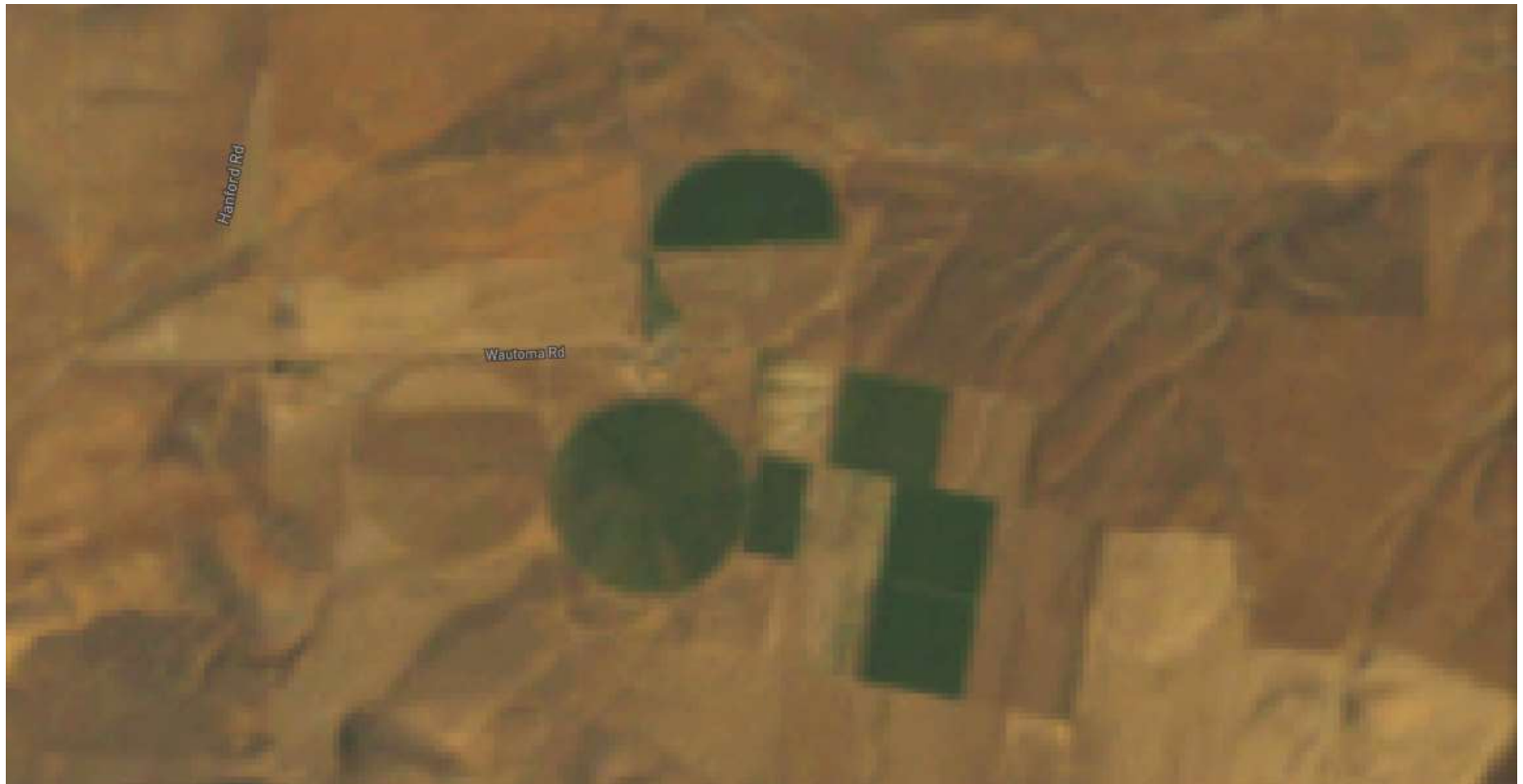
June 1995

Imagery Source: Landsatlook.usgs.gov



September 1995

Imagery Source: Landsatlook.usgs.gov



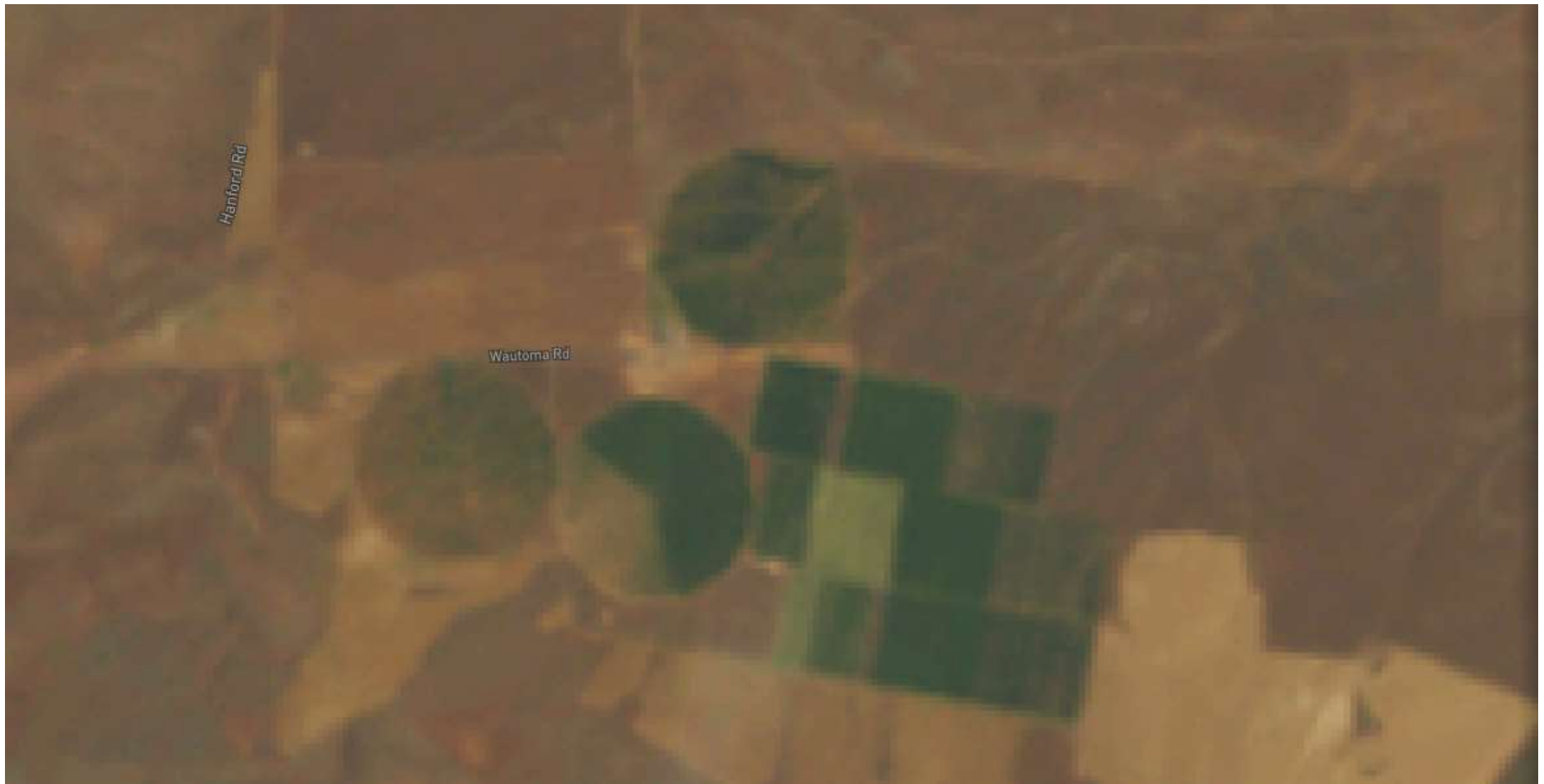
December 30, 1985

Imagery Source: Google Earth



June 1996

Imagery Source: Landsatlook.usgs.gov



July 1996

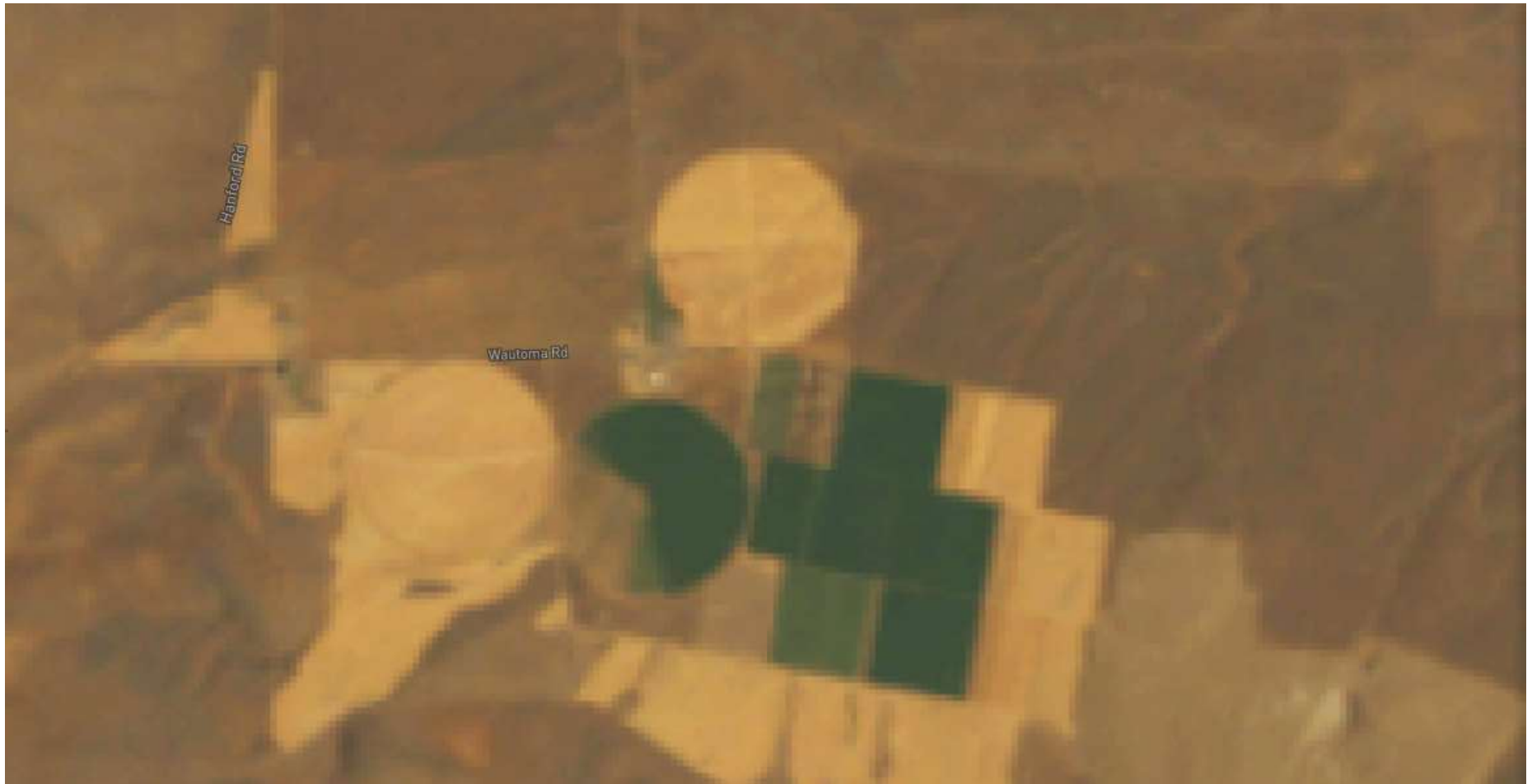
Imagery Source: Google Earth





August 1996

Imagery Source: Landsatlook.usgs.gov



May 1997

Imagery Source: Landsatlook.usgs.gov



July 1997

Imagery Source: Landsatlook.usgs.gov



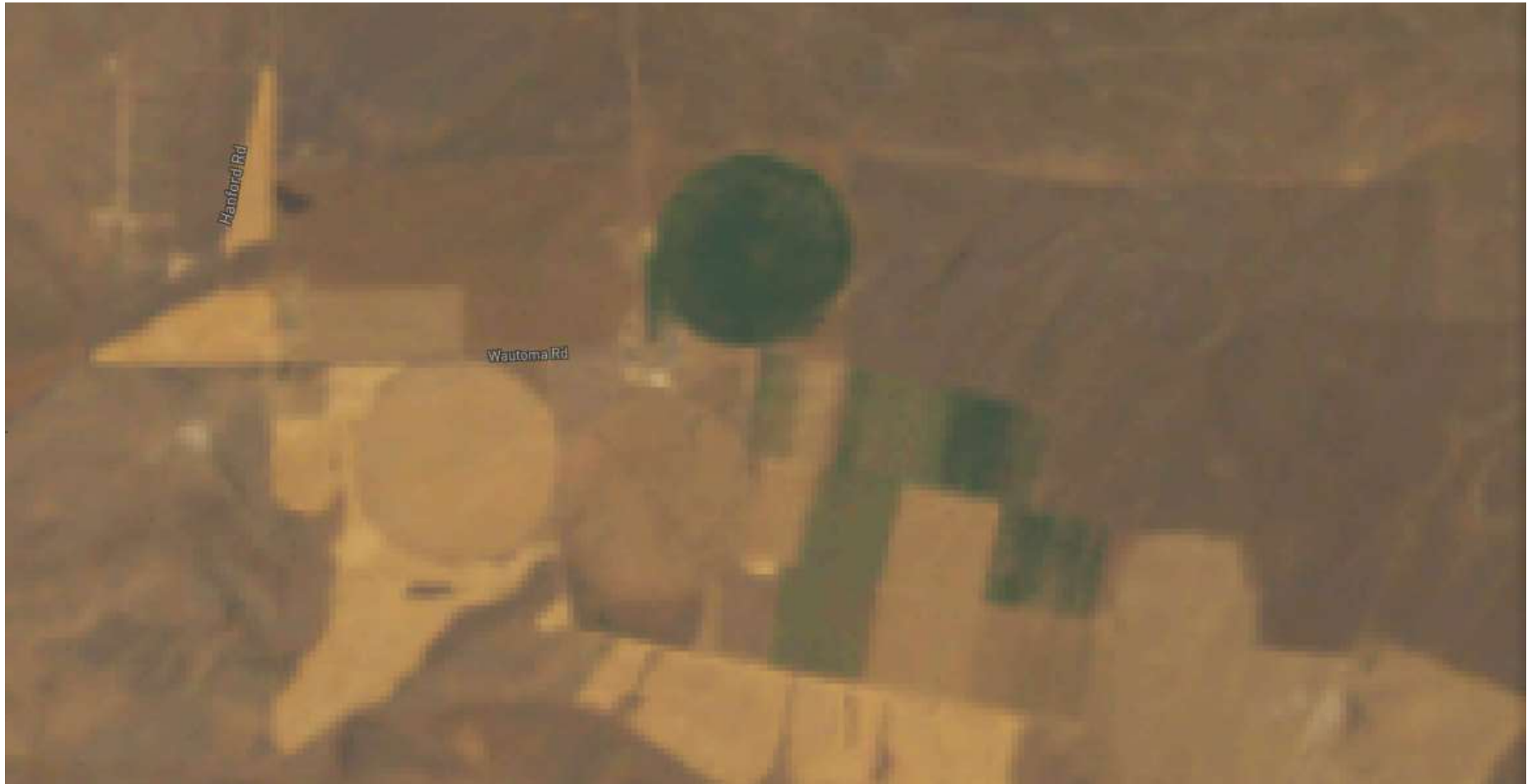
April 1998

Imagery Source: Landsatlook.usgs.gov



**August 1998**

Imagery Source: Landsatlook.usgs.gov



May 1999

Imagery Source: Landsatlook.usgs.gov



August 1999

Imagery Source: Landsatlook.usgs.gov



April 2000

Imagery Source: Landsatlook.usgs.gov





May 2001

Imagery Source: Landsatlook.usgs.gov



September 2001

Imagery Source: Landsatlook.usgs.gov



May 2002

Imagery Source: Landsatlook.usgs.gov



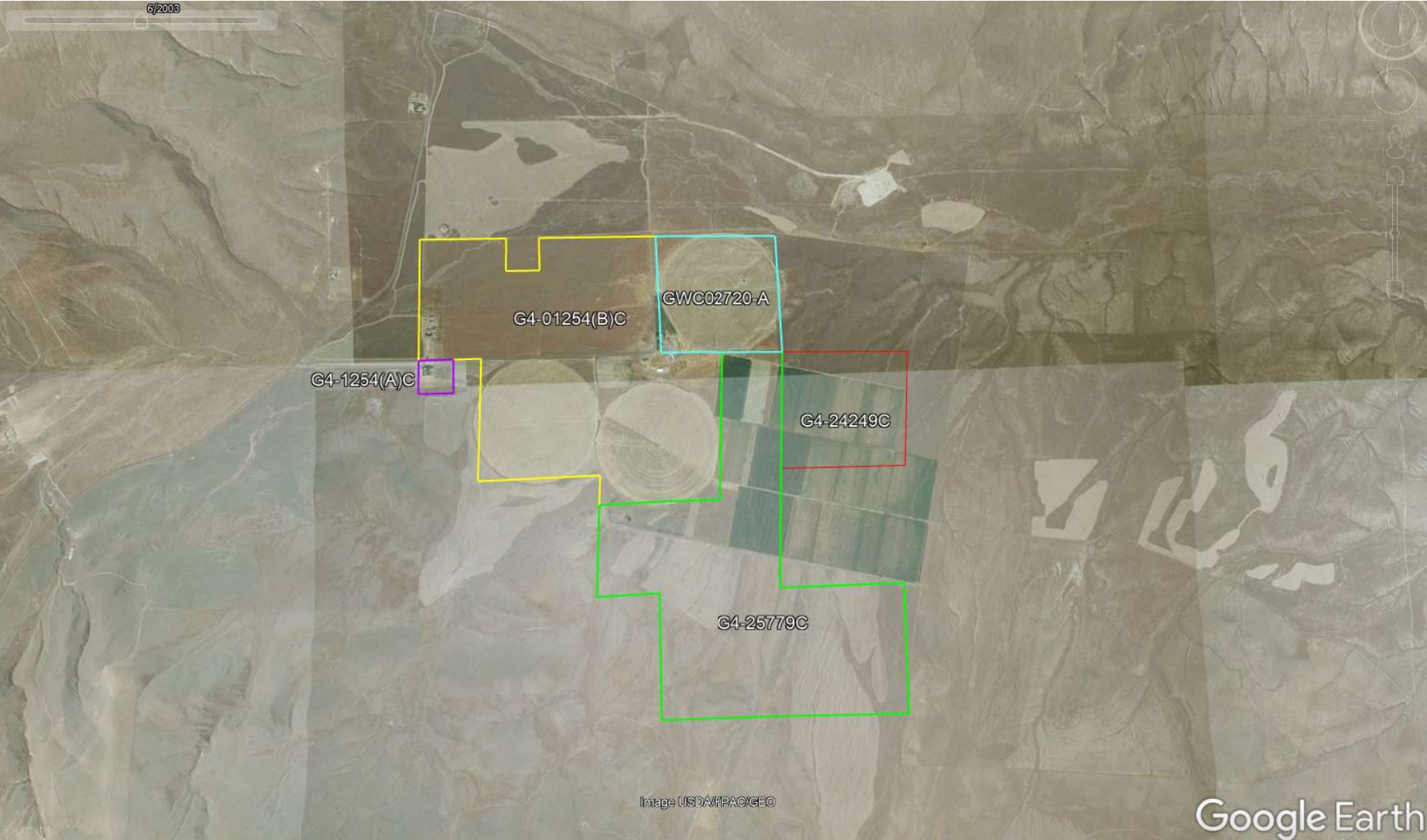
August 2002

Imagery Source: Landsatlook.usgs.gov



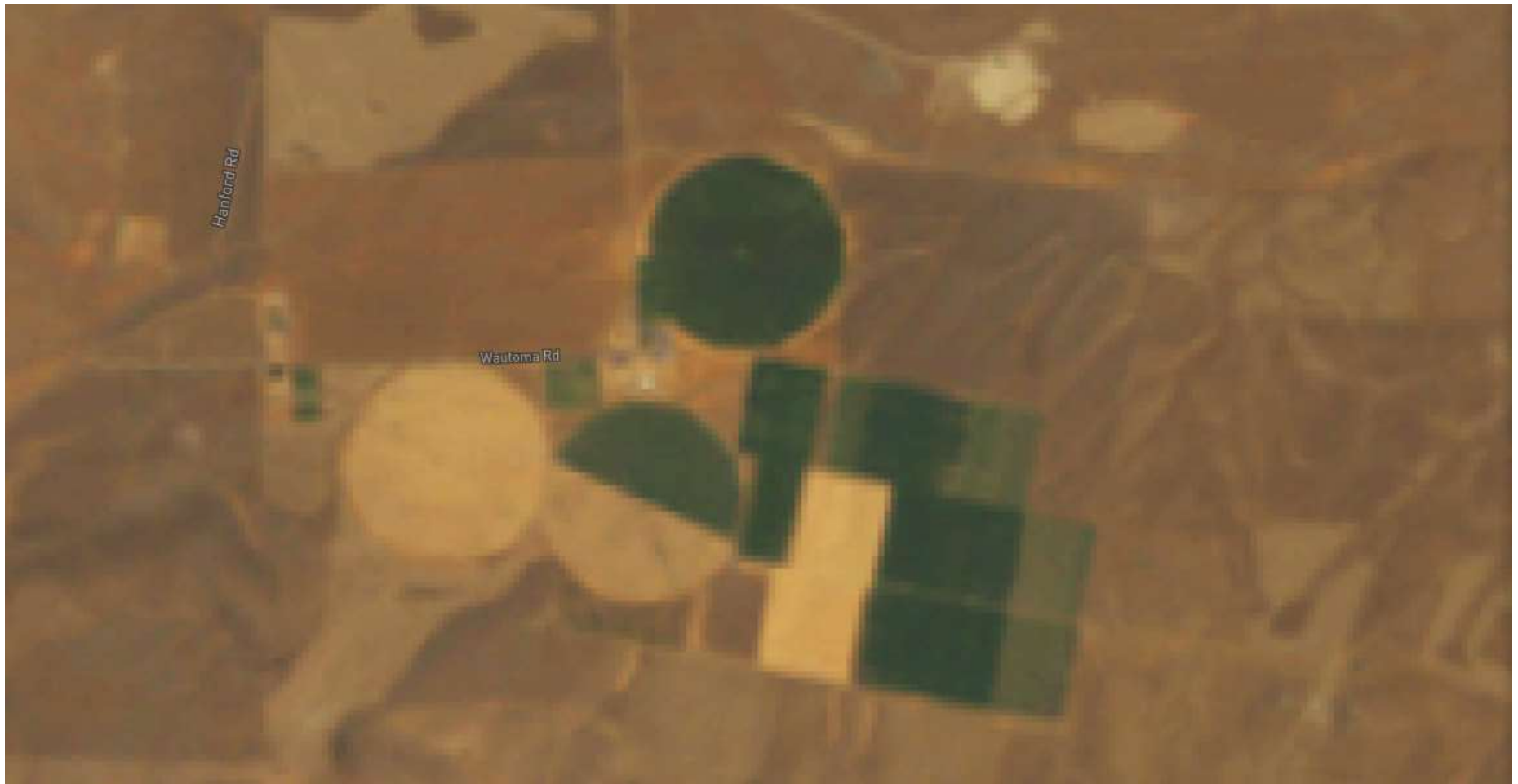
June 25, 2003

Imagery Source: Google Earth



August 2003

Imagery Source: Landsatlook.usgs.gov



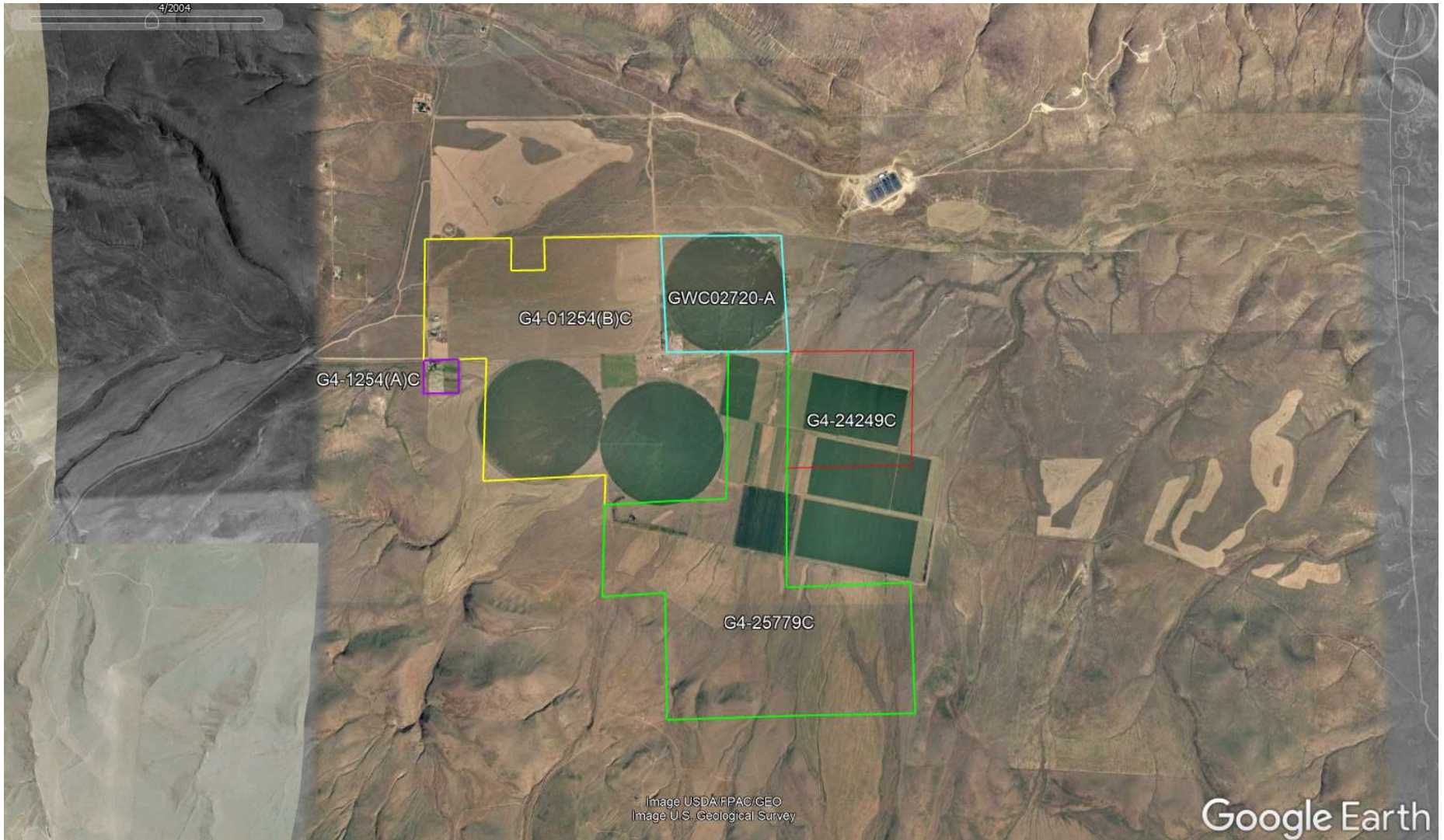
April 2004

Imagery Source: Landsatlook.usgs.gov



April 28, 2004

Imagery Source: Google Earth



**Aspect Consulting**  
Historical Imagery Review  
5/15/22



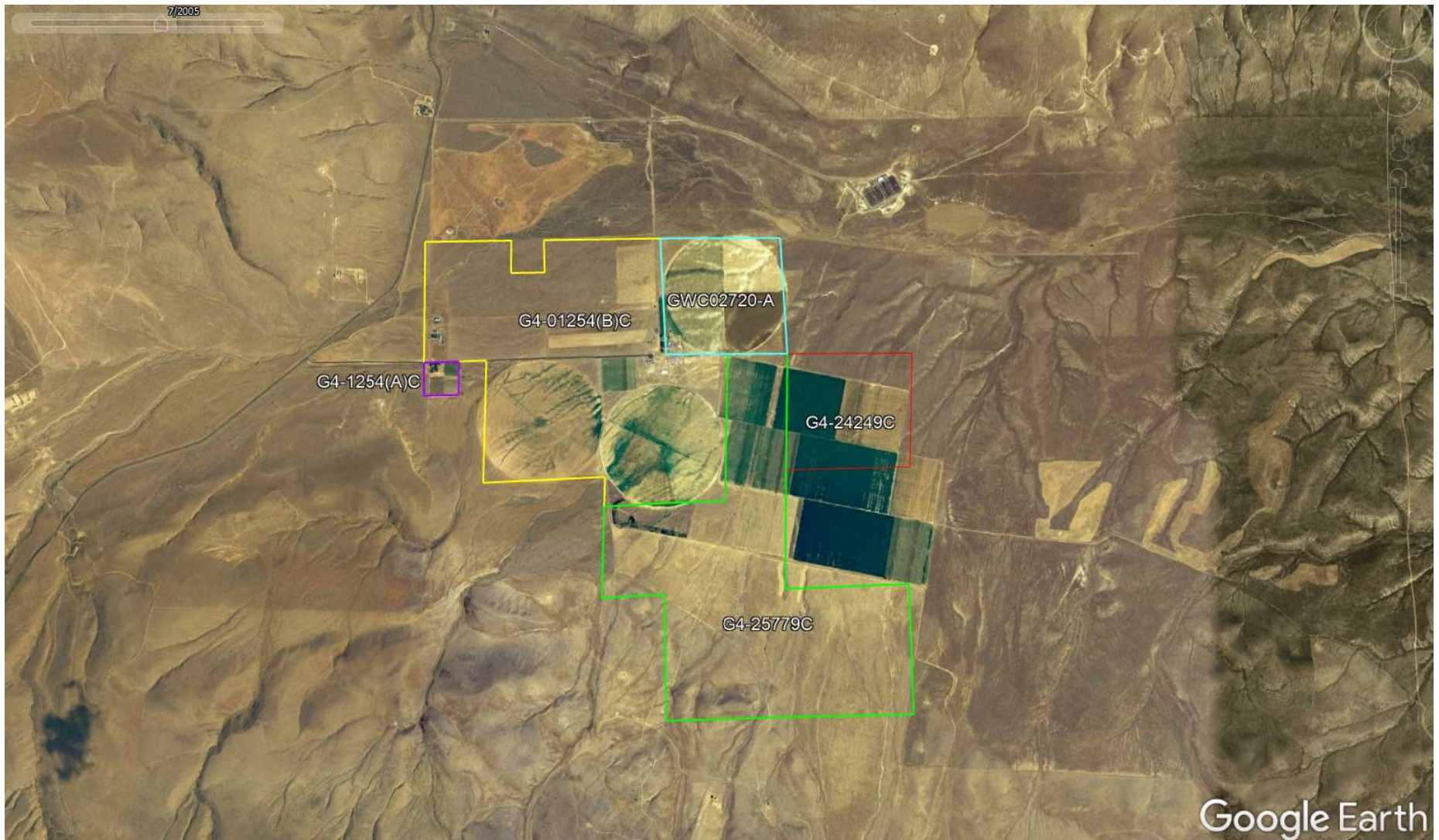
August 2004

Imagery Source: Landsatlook.usgs.gov



July 31, 2005

Imagery Source: Google Earth



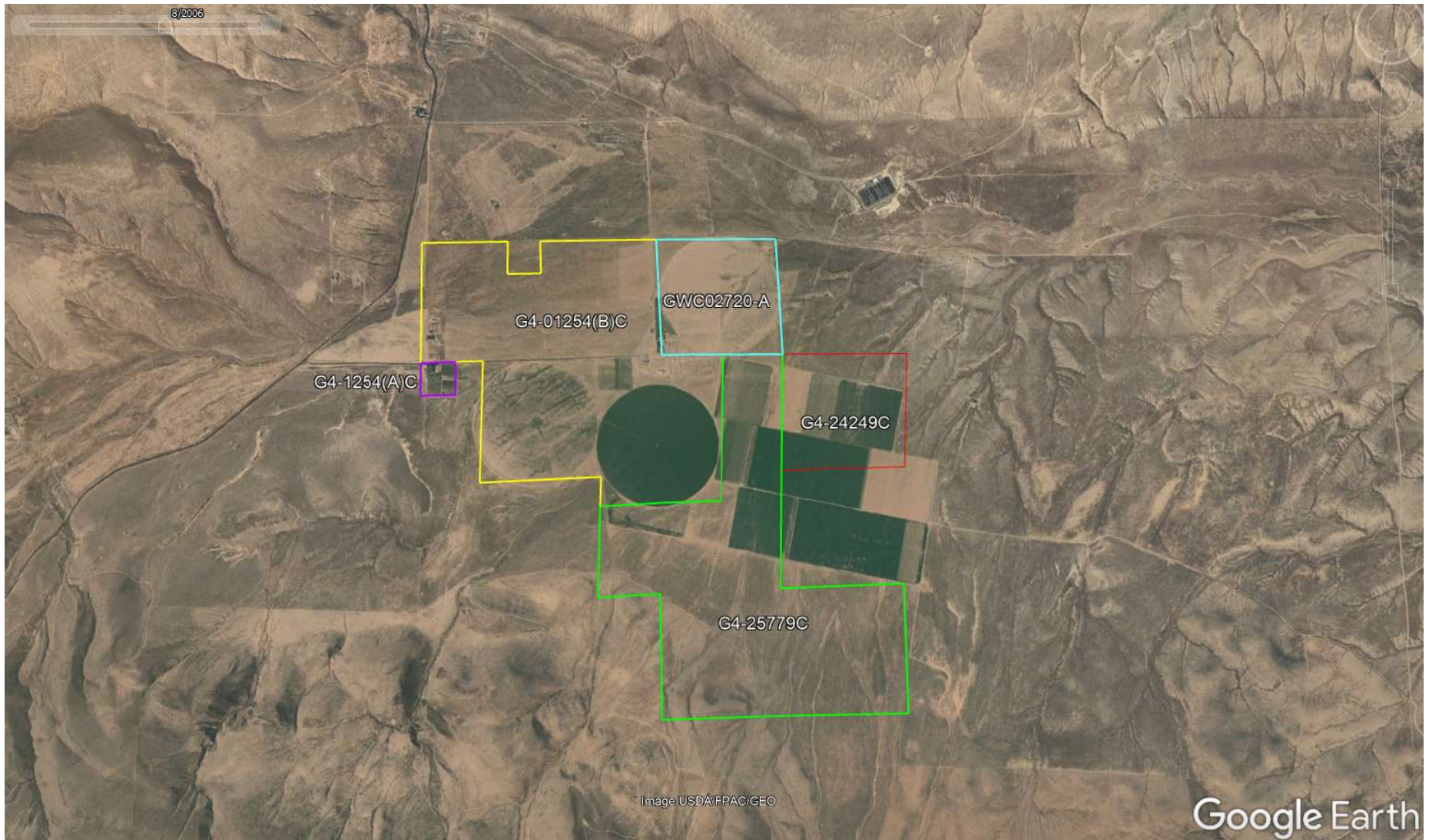
September 2005

Imagery Source: Landsatlook.usgs.gov



August 17, 2006

Imagery Source: Google Earth



June 2009

Imagery Source: Landsatlook.usgs.gov



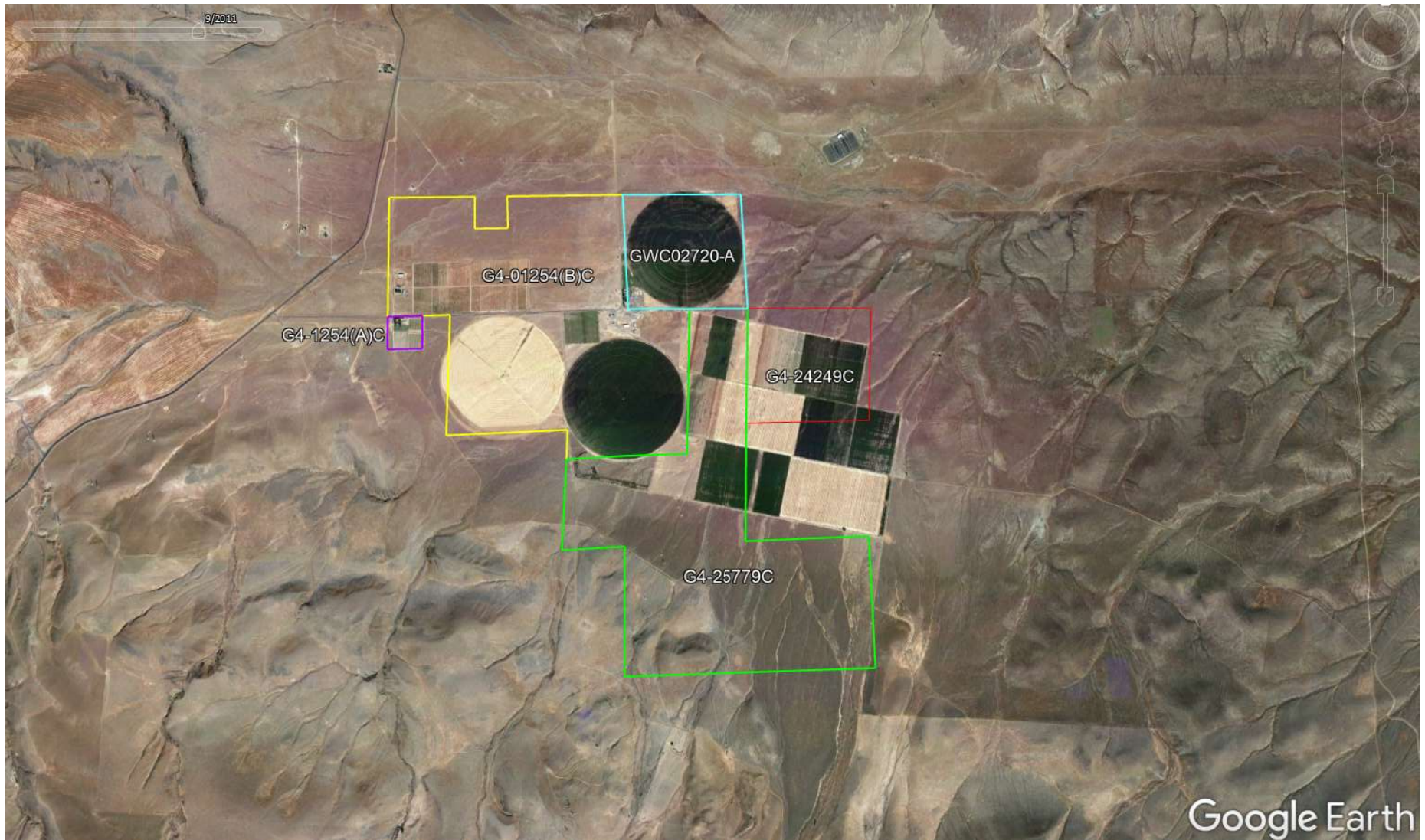
September 9, 2009

Imagery Source: Google Earth



September 9, 2011

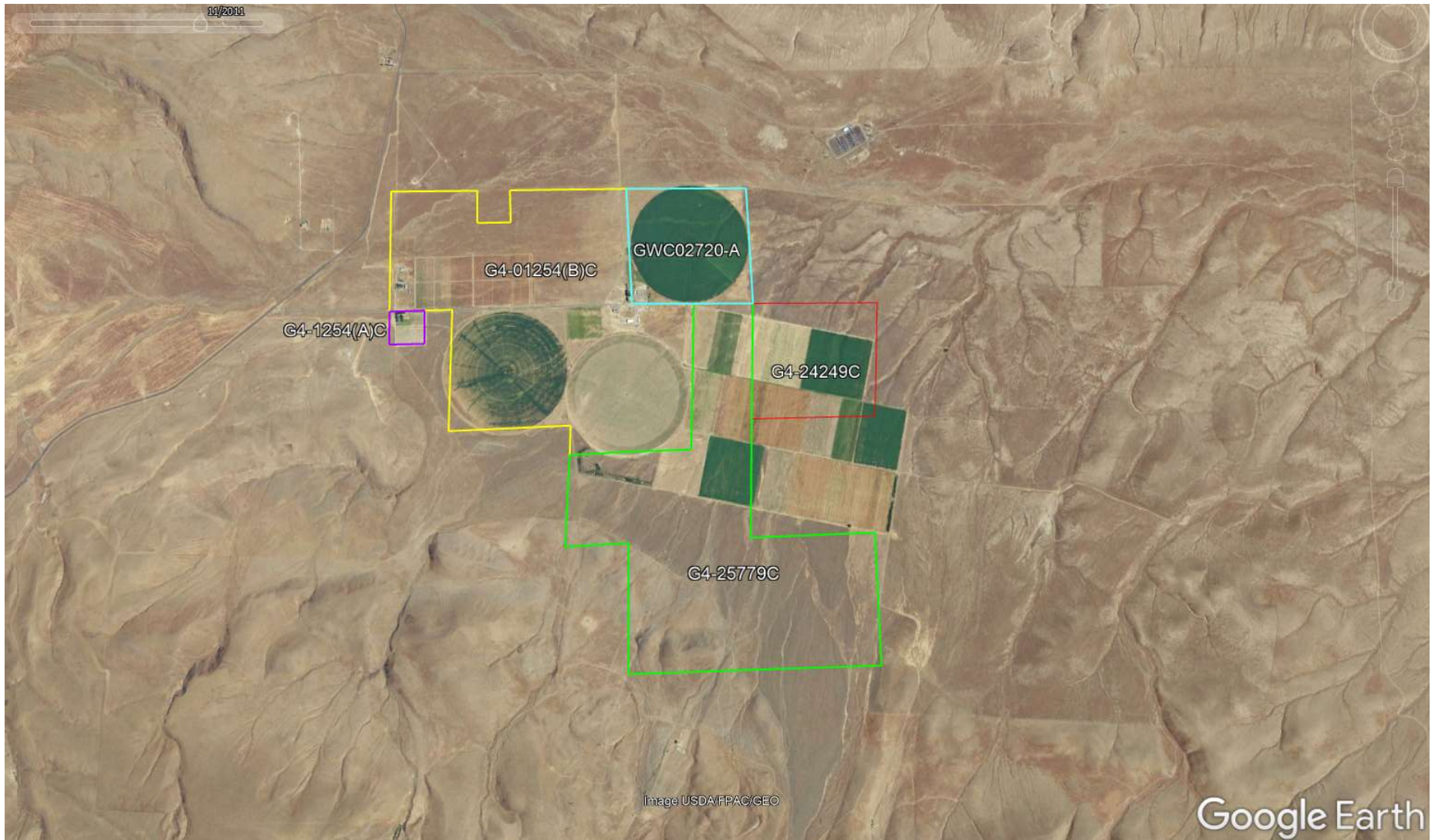
Imagery Source: Google Earth



**Aspect Consulting**  
Historical Imagery Review  
5/15/22

November 11, 2011

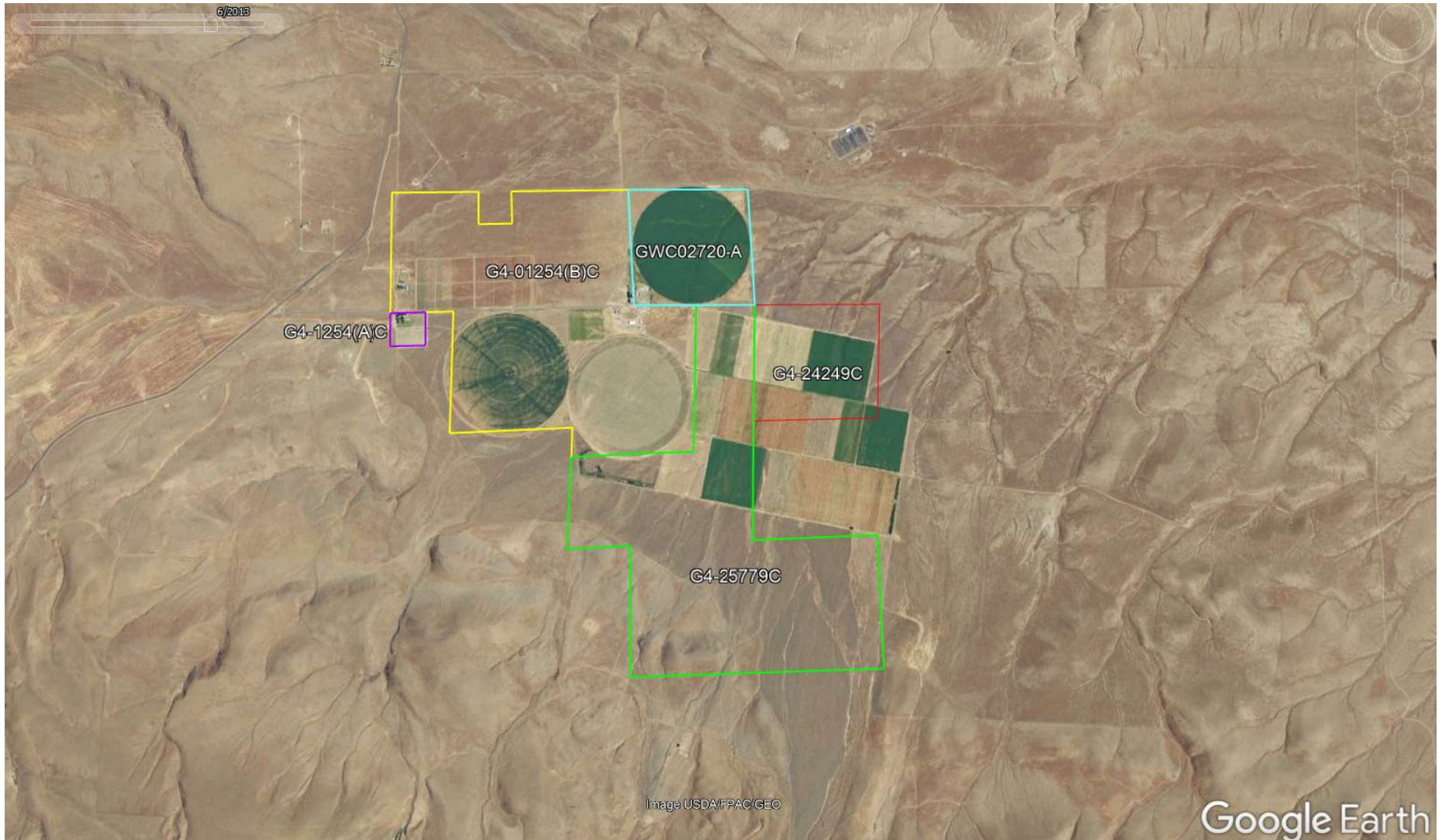
Imagery Source: Google Earth





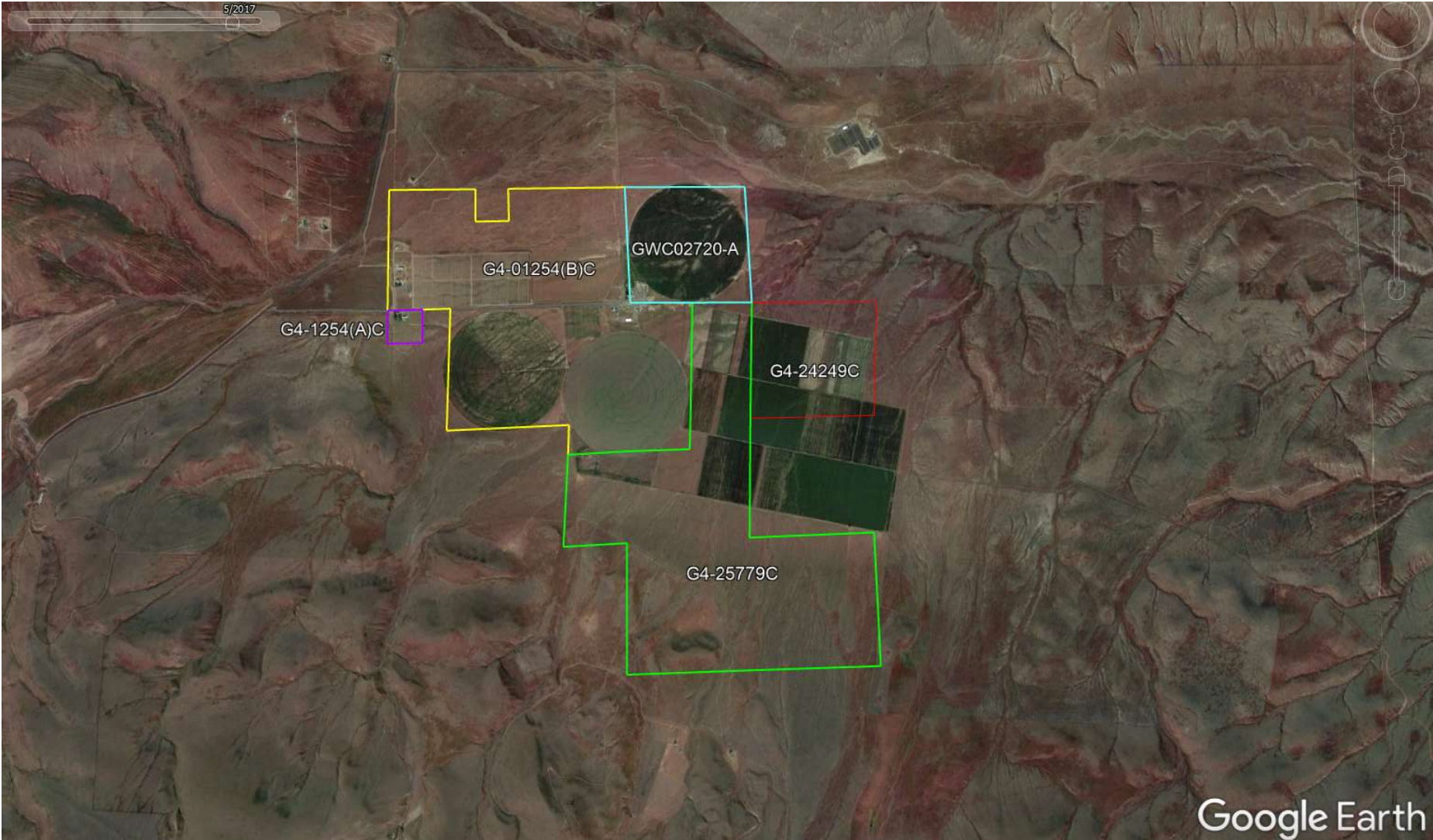
July 9, 2013

Imagery Source: Google Earth



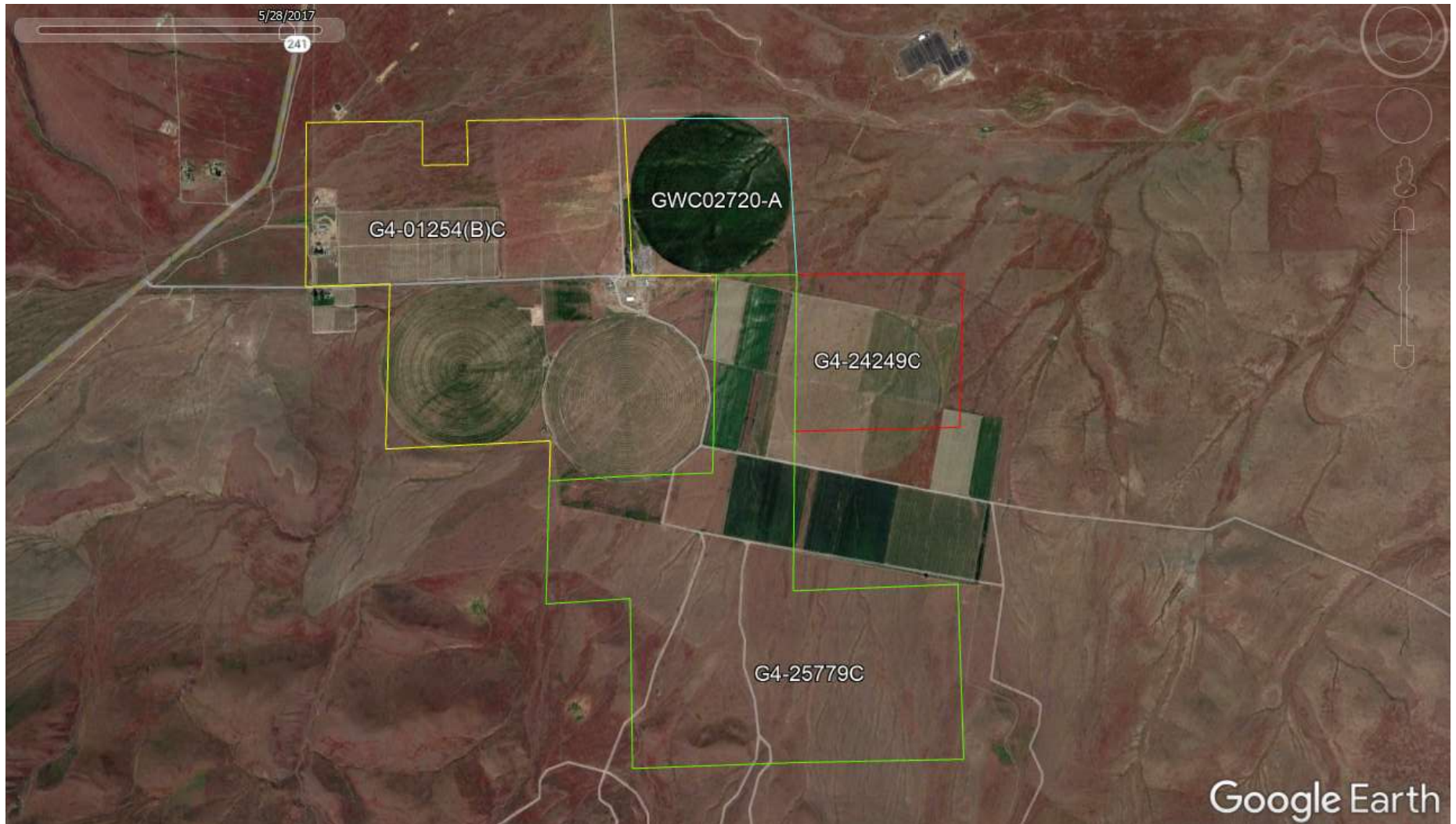
May 6, 2015

Imagery Source: Google Earth



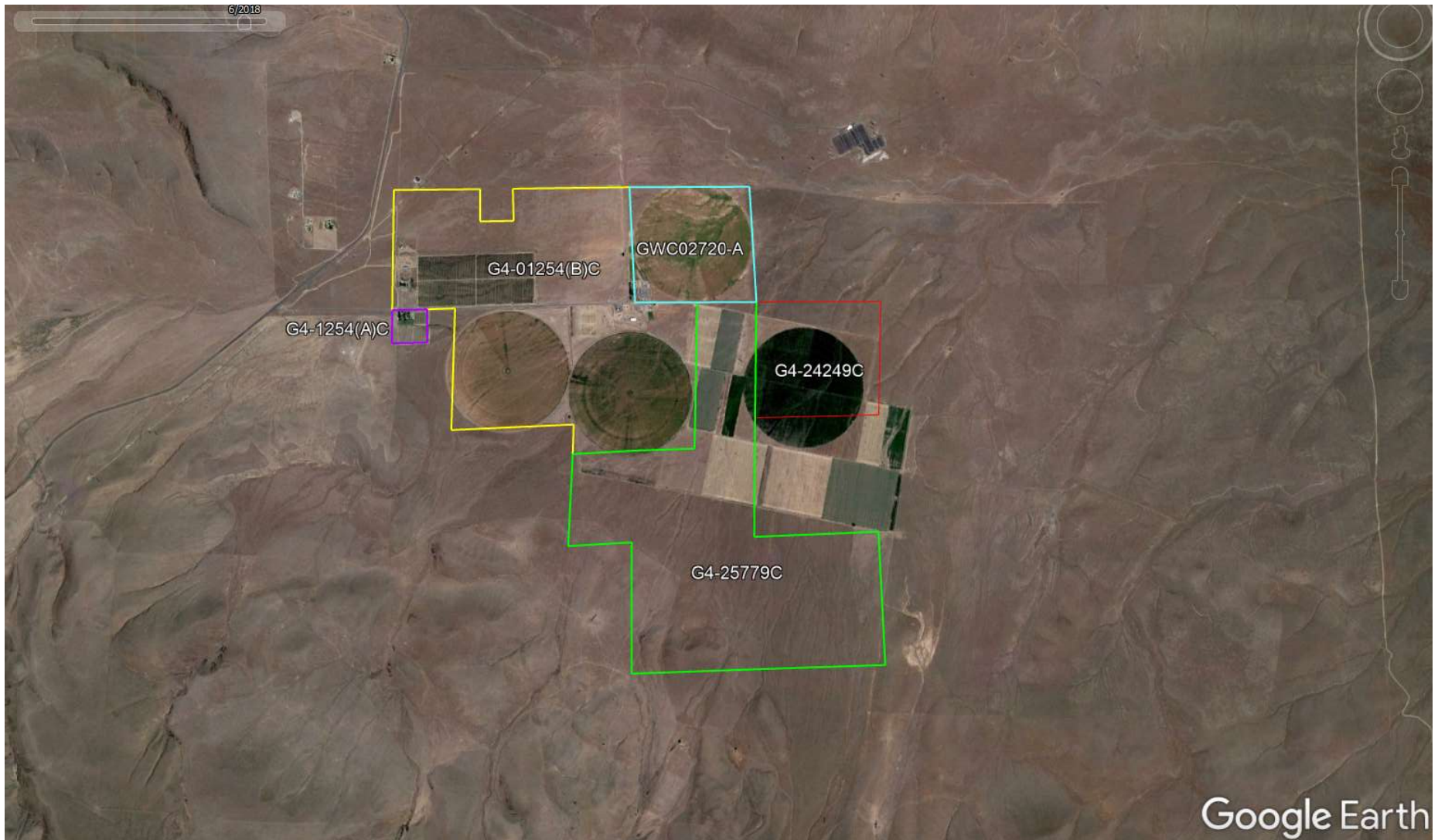
May 28, 2017

Imagery Source: Google Earth



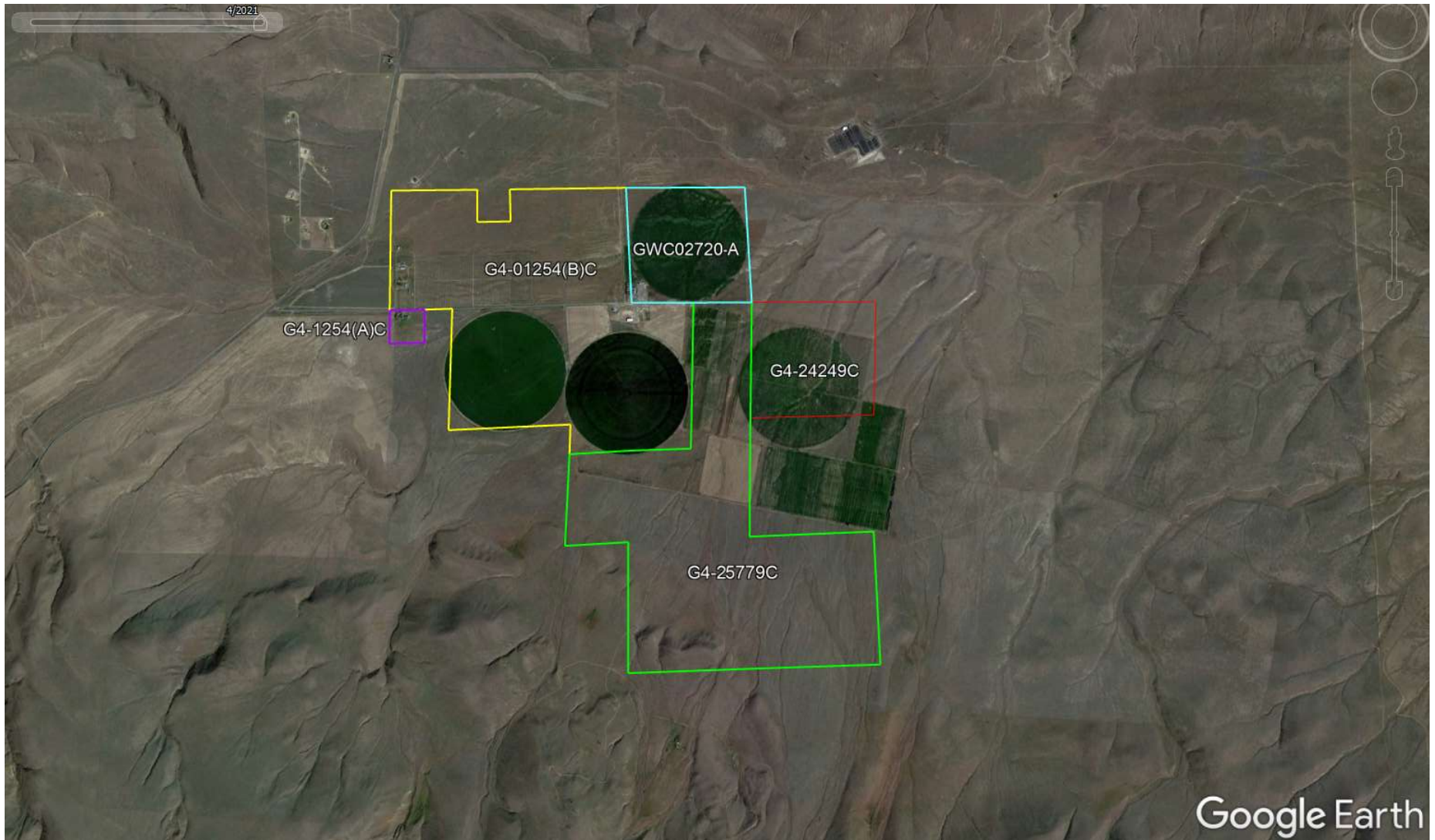
June 30, 2018

Imagery Source: Google Earth



April 17, 2021

Imagery Source: Google Earth



# **ATTACHMENT D**

## **Well No. 1 Power Records**

2022

BENTON REA

Revision: 17192

06/20/2022 2:12:08 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR
COOP	0.00	0.00	0.00	0.00

Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 22	Nov 22	Oct 22	Sep 22	Aug 22	Jul 22	Jun 22	May 22	Apr 22	Mar 22	Feb 22	Jan 22
Rev:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7674.37	4848.90	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14471.12	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7674.37	4848.90	14471.12	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7674.37	4848.90	14471.12	0.00	0.00
Pymnt:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4848.90	-14471.12	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		12,523.27				14,471.12			0.00			0.00
<b>Avg Rev:</b>		4,174.42				4,823.71			8,998.13			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-19,320.02

USAGE HISTORY

	Dec 22	Nov 22	Oct 22	Sep 22	Aug 22	Jul 22	Jun 22	May 22	Apr 22	Mar 22	Feb 22	Jan 22
Usage:	0	0	0	0	0	0	0	184480	116560	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	272.960	271.040	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	272.960	271.040	273.040	0.000	0.000
<b>Total Usage:</b>		301,040										
<b>Avg Usage:</b>		60,208										
<b>Total Kw Dmd:</b>								544.000				817.040
<b>Avg Kw Dmd:</b>								108.800				163.408
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2021

BENTON REA

Revision: 17192

06/20/2022 2:11:54 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 21	Nov 21	Oct 21	Sep 21	Aug 21	Jul 21	Jun 21	May 21	Apr 21	Mar 21	Feb 21	Jan 21
Rev:	0.00	33.28	6569.47	7571.20	8523.01	7747.58	8506.37	7621.12	7052.03	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14708.56	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	33.28	6569.47	7571.20	8523.01	7747.58	8506.37	7621.12	7052.03	14708.56	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	33.28	6569.47	7571.20	8523.01	7747.58	8506.37	7621.12	7052.03	14708.56	0.00	0.00
Pymnt:	-33.28	-6569.47	-7571.20	-8523.01	-7747.58	-8506.37	-7621.12	-7052.03	-14708.56	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		53,624.06				14,708.56			0.00			
<b>Avg Rev:</b>		5,362.41				1,470.86			6,833.26			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-68,332.62

USAGE HISTORY

	Dec 21	Nov 21	Oct 21	Sep 21	Aug 21	Jul 21	Jun 21	May 21	Apr 21	Mar 21	Feb 21	Jan 21
Usage:	0	800	157920	182000	204880	186240	204480	183200	169520	0	0	0
Kw Dmd:	0.000	255.360	266.320	268.000	269.280	268.640	271.280	273.040	272.640	0.000	0.000	0.000
Bill Dmd:	0.000	255.360	266.320	268.000	269.280	268.640	271.280	273.040	272.640	277.520	0.000	0.000
<b>Total Usage:</b>		1,289,040					2144.560					
<b>Avg Usage:</b>		107,420					178.713					
<b>Total Kw Dmd:</b>												2422.080
<b>Avg Kw Dmd:</b>												201.840
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												



2020

BENTON REA

Revision: 17192

06/20/2022 2:11:39 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 20	Nov 20	Oct 20	Sep 20	Aug 20	Jul 20	Jun 20	May 20	Apr 20	Mar 20	Feb 20	Jan 20
Rev:	0.00	0.00	6070.27	8476.42	7584.51	7930.62	8606.21	7774.21	5514.50	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14763.68	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	6070.27	8476.42	7584.51	7930.62	8606.21	7774.21	5514.50	14763.68	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	6070.27	8476.42	7584.51	7930.62	8606.21	7774.21	5514.50	14763.68	0.00	0.00
Pymnt:	0.00	-6070.27	-8476.42	-7584.51	-7930.62	-8606.21	-7774.21	-5514.50	-14763.68	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		51,956.74				14,763.68			0.00			0.00
<b>Avg Rev:</b>		5,772.97				1,640.41			7,413.38			-66,720.42
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												

USAGE HISTORY

	Dec 20	Nov 20	Oct 20	Sep 20	Aug 20	Jul 20	Jun 20	May 20	Apr 20	Mar 20	Feb 20	Jan 20
Usage:	0	0	145920	203760	182320	190640	206880	186880	132560	0	0	0
Kw Dmd:	0.000	0.000	269.840	273.040	272.560	275.040	277.520	275.200	274.400	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	269.840	273.040	272.560	275.040	277.520	275.200	274.400	278.560	0.000	0.000
<b>Total Usage:</b>		1,248,960					1917.600					2196.160
<b>Avg Usage:</b>		104,080					159.800					183.013
<b>Total Kw Dmd:</b>												
<b>Avg Kw Dmd:</b>												
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2019

BENTON REA

Revision: 17192

06/20/2022 2:11:26 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 19	Nov 19	Oct 19	Sep 19	Aug 19	Jul 19	Jun 19	May 19	Apr 19	Mar 19	Feb 19	Jan 19
Rev:	0.00	3.33	7078.66	7151.87	7947.26	8899.07	7331.58	8679.42	1061.63	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14674.64	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	3.33	7078.66	7151.87	7947.26	8899.07	7331.58	8679.42	1061.63	14674.64	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	3.33	7078.66	7151.87	7947.26	8899.07	7331.58	8679.42	1061.63	14674.64	0.00	0.00
Pymnt:	-3.33	-7078.66	-7151.87	-7947.26	-8899.07	-16097.79	0.00	-1061.63	-14674.64	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		48,152.82			14,674.64				0.00			
<b>Avg Rev:</b>		4,815.28			1,467.46				6,282.75			
<b>Total Dmd:</b>												0.00
<b>Avg Dmd Rev:</b>												0.00
<b>Total PCA:</b>												0.00
<b>Total Payment:</b>												-62,914.25

USAGE HISTORY

	Dec 19	Nov 19	Oct 19	Sep 19	Aug 19	Jul 19	Jun 19	May 19	Apr 19	Mar 19	Feb 19	Jan 19
Usage:	0	80	170160	171920	191040	213920	176240	208640	25520	0	0	0
Kw Dmd:	0.000	250.240	274.560	271.200	276.240	274.000	278.560	276.240	275.600	0.000	0.000	0.000
Bill Dmd:	0.000	250.240	274.560	271.200	276.240	274.000	278.560	276.240	275.600	276.880	0.000	0.000
<b>Total Usage:</b>		1,157,520					2176.640					
<b>Avg Usage:</b>		96,460					181.387					
<b>Total Bill Dmd:</b>												2453.520
<b>Avg Bill Dmd:</b>												204.460

2018

BENTON REA

Revision: 17192

06/20/2022 2:11:14 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board	Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM	GROW	PROSSER

BILLING HISTORY

	Dec 18	Nov 18	Oct 18	Sep 18	Aug 18	Jul 18	Jun 18	May 18	Apr 18	Mar 18	Feb 18	Jan 18
Rev:	0.00	3.33	5148.42	7454.72	7574.53	8203.52	7547.90	8712.70	2020.10	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14840.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	3.33	5148.42	7454.72	7574.53	8203.52	7547.90	8712.70	2020.10	14840.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	3.33	5148.42	7454.72	7574.53	8203.52	7547.90	8712.70	2020.10	14840.00	0.00	0.00
Pymnt:	-3.33	-5148.42	-7454.72	-7574.53	-8203.52	-7547.90	-8712.70	-2020.10	-14840.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		46,665.22				14,840.00			0.00			
<b>Avg Rev:</b>		4,666.52				1,484.00						
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>									0.00			
<b>Avg Reporting Rev:</b>								6,150.52				
<b>Total PCA:</b>												0.00
<b>Total Payment:</b>												-61,505.22

USAGE HISTORY

	Dec 18	Nov 18	Oct 18	Sep 18	Aug 18	Jul 18	Jun 18	May 18	Apr 18	Mar 18	Feb 18	Jan 18
Usage:	0	80	123760	179200	182080	197200	181440	209440	48560	0	0	0
Kw Dmd:	0.000	2.640	276.880	276.880	276.880	276.880	275.840	275.280	254.960	0.000	0.000	0.000
Bill Dmd:	0.000	2.640	276.880	276.880	276.880	276.880	275.840	275.280	254.960	280.000	0.000	0.000
<b>Total Usage:</b>		1,121,760										
<b>Avg Usage:</b>		93,480										
<b>Total Kw Dmd:</b>							1916.240					2196.240
<b>Avg Kw Dmd:</b>							159.687					183.020
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2017

BENTON REA

Revision: 17192

06/20/2022 2:11:02 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 17	Nov 17	Oct 17	Sep 17	Aug 17	Jul 17	Jun 17	May 17	Apr 17	Mar 17	Feb 17	Jan 17
Rev:	0.00	8968.96	0.00	30590.98	0.00	0.00	0.00	11082.24	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14767.92	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	8968.96	0.00	30590.98	0.00	0.00	0.00	11082.24	0.00	14767.92	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	8968.96	0.00	30590.98	0.00	0.00	0.00	11082.24	0.00	14767.92	0.00	0.00
Pymnt:	-8968.96	0.00	-30590.98	0.00	0.00	0.00	-11082.24	0.00	-14767.92	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		50,642.18			14,767.92				0.00			
<b>Avg Rev:</b>		6,330.27			1,845.99			8,176.26				
<b>Total Dmd:</b>												0.00
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-65,410.10

USAGE HISTORY

	Dec 17	Nov 17	Oct 17	Sep 17	Aug 17	Jul 17	Jun 17	May 17	Apr 17	Mar 17	Feb 17	Jan 17
Usage:	0	215600	0	735360	0	0	0	266400	0	0	0	0
Kw Dmd:	0.000	1.840	280.000	280.000	0.000	280.000	280.000	274.720	274.720	0.000	0.000	0.000
Bill Dmd:	280.000	280.000	280.000	280.000	280.000	280.000	280.000	278.640	278.640	278.640	278.640	278.640
<b>Total Usage:</b>		1,217,360										
<b>Avg Usage:</b>		101,447										
<b>Total Kw Dmd:</b>							1671.280					
<b>Avg Kw Dmd:</b>							139.273					
<b>Total Bill Dmd:</b>												3353.200
<b>Avg Bill Dmd:</b>												279.433

2016

BENTON REA

Revision: 17192

06/20/2022 2:10:51 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 16	Nov 16	Oct 16	Sep 16	Aug 16	Jul 16	Jun 16	May 16	Apr 16	Mar 16	Feb 16	Jan 16
Rev:	0.00	7707.65	0.00	32707.58	0.00	0.00	0.00	23558.91	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14840.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	7707.65	0.00	32707.58	0.00	0.00	0.00	23558.91	0.00	14840.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	7707.65	0.00	32707.58	0.00	0.00	0.00	23558.91	0.00	14840.00	0.00	0.00
Pymnt:	-7707.65	0.00	-32707.58	0.00	0.00	0.00	-23558.91	0.00	-14840.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		63,974.14			14,840.00				0.00			
<b>Avg Rev:</b>		7,996.77			1,855.00				9,851.77			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-78,814.14

USAGE HISTORY

	Dec 16	Nov 16	Oct 16	Sep 16	Aug 16	Jul 16	Jun 16	May 16	Apr 16	Mar 16	Feb 16	Jan 16
Usage:	0	185280	0	786240	0	0	0	566320	0	0	0	0
Kw Dmd:	0.000	275.840	278.640	278.560	278.560	278.560	278.560	278.560	278.560	0.000	0.000	0.000
Bill Dmd:	278.640	278.640	278.640	280.000	280.000	280.000	280.000	280.000	280.000	280.000	0.000	0.000
<b>Total Usage:</b>		1,537,840										
<b>Avg Usage:</b>		128,153										
<b>Total Kw Dmd:</b>								2225.840				2795.920
<b>Avg Kw Dmd:</b>								185.487				232.993
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2015

BENTON REA

Revision: 17192

06/20/2022 2:10:39 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR
COOP	0.00	0.00	0.00	0.00

Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 15	Nov 15	Oct 15	Sep 15	Aug 15	Jul 15	Jun 15	May 15	Apr 15	Mar 15	Feb 15	Jan 15
Rev:	0.00	0.00	0.00	29641.80	0.00	0.00	0.00	14722.87	0.00	7789.34	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12888.06	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	0.00	29641.80	0.00	0.00	0.00	14722.87	0.00	20677.40	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	0.00	29641.80	0.00	0.00	0.00	14722.87	0.00	20677.40	0.00	0.00
Pymnt:	0.00	0.00	-29641.80	0.00	0.00	0.00	-14722.87	0.00	-20677.40	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>	52,154.01		<b>Total Dmd:</b>		12,888.06	<b>Total Dvc:</b>		0.00	<b>Total PCA:</b>		0.00	
<b>Avg Rev:</b>	8,692.34		<b>Avg Dmd Rev:</b>		2,148.01	<b>Avg Reporting Rev:</b>		10,840.34	<b>Total Payment:</b>		-65,042.07	

USAGE HISTORY

	Dec 15	Nov 15	Oct 15	Sep 15	Aug 15	Jul 15	Jun 15	May 15	Apr 15	Mar 15	Feb 15	Jan 15
Usage:	0	0	0	762000	0	0	0	378480	0	200240	0	0
Kw Dmd:	0.000	0.000	280.000	275.280	274.320	274.320	275.280	275.280	275.280	253.520	0.000	0.000
Bill Dmd:	0.000	0.000	280.000	275.280	274.320	274.320	275.280	275.280	275.280	259.840	0.000	0.000
<b>Total Usage:</b>	1,340,720		<b>Total Kw Dmd:</b>		2183.280		<b>Total Bill Dmd:</b>		2189.600			
<b>Avg Usage:</b>	111,727		<b>Avg Kw Dmd:</b>		181.940		<b>Avg Bill Dmd:</b>		182.467			

2014

BENTON REA

Revision: 17192

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

**BILLING HISTORY**

	Dec 14	Nov 14	Oct 14	Sep 14	Aug 14	Jul 14	Jun 14	May 14	Apr 14	Mar 14	Feb 14	Jan 14
Rev:	0.00	0.00	0.00	28829.57	0.00	0.00	0.00	12264.39	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12772.99	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	0.00	28829.57	0.00	0.00	0.00	12264.39	0.00	12772.99	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	0.00	28829.57	0.00	0.00	0.00	12264.39	0.00	12772.99	0.00	0.00
Pymnt:	0.00	0.00	-28829.57	0.00	0.00	0.00	-12264.39	0.00	-12772.99	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		41,093.96			12,772.99				0.00			0.00
<b>Avg Rev:</b>		6,848.99			2,128.83			8,977.82				
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-53,866.95

**USAGE HISTORY**

	Dec 14	Nov 14	Oct 14	Sep 14	Aug 14	Jul 14	Jun 14	May 14	Apr 14	Mar 14	Feb 14	Jan 14
Usage:	0	0	0	741120	0	0	0	315280	0	0	0	0
Kw Dmd:	0.000	0.000	259.840	259.840	0.000	259.840	259.840	259.840	259.680	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	259.840	259.840	0.000	259.840	259.840	259.840	259.680	257.520	0.000	0.000
<b>Total Usage:</b>		1,056,400										
<b>Avg Usage:</b>		88,033										
<b>Total Kw Dmd:</b>							1558.880					1816.400
<b>Avg Kw Dmd:</b>							129.907					151.367
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2013

BENTON REA

Revision: 17192

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 13	Nov 13	Oct 13	Sep 13	Aug 13	Jul 13	Jun 13	May 13	Apr 13	Mar 13	Feb 13	Jan 13
Rev:	0.00	7170.05	0.00	28645.96	0.00	0.00	0.00	18569.30	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12836.48	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	7170.05	0.00	28645.96	0.00	0.00	0.00	18569.30	0.00	12836.48	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	7170.05	0.00	28645.96	0.00	0.00	0.00	18569.30	0.00	12836.48	0.00	0.00
Pymnt:	-7170.05	0.00	-28645.96	0.00	0.00	0.00	-18569.30	0.00	-12836.48	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		54,385.31		<b>Total Dmd:</b>	12,836.48		<b>Total Dvc:</b>	0.00		<b>Total PCA:</b>		0.00
<b>Avg Rev:</b>		6,798.16		<b>Avg Dmd Rev:</b>	1,604.56		<b>Avg Reporting Rev:</b>	8,402.72		<b>Total Payment:</b>		-67,221.79

USAGE HISTORY

	Dec 13	Nov 13	Oct 13	Sep 13	Aug 13	Jul 13	Jun 13	May 13	Apr 13	Mar 13	Feb 13	Jan 13
Usage:	0	184320	0	736400	0	0	0	477360	0	0	0	0
Kw Dmd:	0.000	252.720	0.000	257.520	257.520	257.520	256.880	255.920	254.400	0.000	0.000	0.000
Bill Dmd:	0.000	252.720	0.000	257.520	257.520	257.520	256.880	255.920	254.400	258.800	0.000	0.000
<b>Total Usage:</b>		1,398,080		<b>Total Kw Dmd:</b>	1792.480		<b>Total Bill Dmd:</b>					2051.280
<b>Avg Usage:</b>		116,507		<b>Avg Kw Dmd:</b>	149.373		<b>Avg Bill Dmd:</b>					170.940



2012

BENTON REA

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 12	Nov 12	Oct 12	Sep 12	Aug 12	Jul 12	Jun 12	May 12	Apr 12	Mar 12	Feb 12	Jan 12
Rev:	0.00	0.00	0.00	28549.49	0.00	0.00	0.00	11844.27	0.00	12783.50	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	0.00	28549.49	0.00	0.00	0.00	11844.27	0.00	12783.50	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	0.00	28549.49	0.00	0.00	0.00	11844.27	0.00	12783.50	0.00	0.00
Pymnt:	0.00	0.00	-28549.49	0.00	0.00	0.00	-11844.27	0.00	-12783.50	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		53,177.26				0.00			0.00			0.00
<b>Avg Rev:</b>		8,862.88				0.00			8,862.88			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-53,177.26

USAGE HISTORY

	Dec 12	Nov 12	Oct 12	Sep 12	Aug 12	Jul 12	Jun 12	May 12	Apr 12	Mar 12	Feb 12	Jan 12
Usage:	0	0	0	733920	0	0	0	304480	0	0	0	0
Kw Dmd:	0.000	0.000	258.800	257.440	256.880	256.480	184.480	256.480	254.480	1.840	0.000	0.000
Bill Dmd:	0.000	0.000	258.800	257.440	256.880	256.480	184.480	256.480	254.480	1.840	0.000	0.000
<b>Total Usage:</b>		1,038,400										
<b>Avg Usage:</b>		86,533										
<b>Total Kw Dmd:</b>							1726.880					1726.880
<b>Avg Kw Dmd:</b>							143.907					143.907
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2011

BENTON REA

Revision: 17192

06/20/2022 2:09:47 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 11	Nov 11	Oct 11	Sep 11	Aug 11	Jul 11	Jun 11	May 11	Apr 11	Mar 11	Feb 11	Jan 11
Rev:	0.00	5904.55	0.00	26513.58	0.00	0.00	0.00	9277.39	0.00	11760.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	5904.55	0.00	26513.58	0.00	0.00	0.00	9277.39	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	5904.55	0.00	26513.58	0.00	0.00	0.00	9277.39	0.00	11760.00	0.00	0.00
Pymnt:	-5904.55	0.00	-26513.58	0.00	0.00	0.00	-9277.39	0.00	-11760.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		53,455.52			0.00			0.00				
<b>Avg Rev:</b>		6,681.94			0.00			6,681.94				
<b>Total Dmd:</b>												0.00
<b>Avg Dmd Rev:</b>												-53,455.52
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												

USAGE HISTORY

	Dec 11	Nov 11	Oct 11	Sep 11	Aug 11	Jul 11	Jun 11	May 11	Apr 11	Mar 11	Feb 11	Jan 11
Usage:	0	170160	0	764080	0	0	0	267360	0	0	0	0
Kw Dmd:	0.000	0.000	257.840	257.840	257.840	257.840	256.640	256.640	253.840	1.920	0.000	0.000
Bill Dmd:	0.000	0.000	257.840	257.840	257.840	257.840	256.640	256.640	253.840	1.920	0.000	0.000
<b>Total Usage:</b>		1,201,600						1800.400				
<b>Avg Usage:</b>		100,133						150.033				
<b>Total Kw Dmd:</b>												1800.400
<b>Avg Kw Dmd:</b>												150.033
<b>Total Bill Dmd:</b>												
<b>Avg Bill Dmd:</b>												

2010

BENTON REA

Revision: 17192

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 10	Nov 10	Oct 10	Sep 10	Aug 10	Jul 10	Jun 10	May 10	Apr 10	Mar 10	Feb 10	Jan 10
Rev:	0.00	5751.87	0.00	32534.72	0.00	0.00	0.00	6254.33	0.00	11760.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	5751.87	0.00	32534.72	0.00	0.00	0.00	6254.33	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	5751.87	0.00	32534.72	0.00	0.00	0.00	6254.33	0.00	11760.00	0.00	0.00
Pymnt:	-5751.87	0.00	-32534.72	0.00	0.00	0.00	-4083.33	0.00	-11760.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		56,300.92			0.00				0.00			0.00
<b>Avg Rev:</b>		7,037.62			0.00				7,037.62			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												0.00
<b>Total Payment:</b>												-54,129.92

USAGE HISTORY

	Dec 10	Nov 10	Oct 10	Sep 10	Aug 10	Jul 10	Jun 10	May 10	Apr 10	Mar 10	Feb 10	Jan 10
Usage:	0	165760	0	937600	0	0	0	180240	0	0	0	0
Kw Dmd:	0.000	0.000	257.200	257.120	259.040	0.000	0.000	255.040	255.040	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	257.200	257.120	259.040	0.000	0.000	255.040	255.040	0.000	0.000	0.000
<b>Total Usage:</b>		1,283,600										
<b>Avg Usage:</b>		106,967										
<b>Total Kw Dmd:</b>								1283.440				1283.440
<b>Avg Kw Dmd:</b>								106.953				106.953
<b>Total Bill Dmd:</b>												1283.440
<b>Avg Bill Dmd:</b>												106.953

2009

BENTON REA

Revision: 17192

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09
Rev:	0.00	11989.54	0.00	27637.86	0.00	0.00	0.00	0.00	2131.97	11760.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	11989.54	0.00	27637.86	0.00	0.00	0.00	0.00	2131.97	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	11989.54	0.00	27637.86	0.00	0.00	0.00	0.00	2131.97	11760.00	0.00	0.00
Pymnt:	-32833.78	-5256.38	-2000.00	0.00	0.00	0.00	0.00	-2131.97	-11760.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		53,519.37			0.00				0.00			0.00
<b>Avg Rev:</b>		7,645.62			0.00				7,645.62			
<b>Total Dmd:</b>					0.00							
<b>Avg Dmd Rev:</b>					0.00							
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-53,982.13

USAGE HISTORY

	Dec 09	Nov 09	Oct 09	Sep 09	Aug 09	Jul 09	Jun 09	May 09	Apr 09	Mar 09	Feb 09	Jan 09
Usage:	0	345520	0	796480	0	0	0	0	61440	0	0	0
Kw Dmd:	0.000	255.440	258.480	259.760	259.760	0.000	0.000	256.960	256.960	0.000	0.000	0.000
Bill Dmd:	0.000	255.440	258.480	259.760	259.760	0.000	0.000	256.960	256.960	0.000	0.000	0.000
<b>Total Usage:</b>		1,203,440										
<b>Avg Usage:</b>		100,287										
<b>Total Kw Dmd:</b>								1547.360				1547.360
<b>Avg Kw Dmd:</b>								128.947				128.947
<b>Total Bill Dmd:</b>												1547.360
<b>Avg Bill Dmd:</b>												128.947

2008

BENTON REA

Revision: 17192

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR
COOP	0.00	0.00	0.00	0.00

Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 08	Nov 08	Oct 08	Sep 08	Aug 08	Jul 08	Jun 08	May 08	Apr 08	Mar 08	Feb 08	Jan 08
Rev:	0.00	0.00	13036.10	25067.28	0.00	0.00	0.00	5321.59	0.00	11760.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	0.00	13036.10	25067.28	0.00	0.00	0.00	5321.59	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	13036.10	25067.28	0.00	0.00	0.00	5321.59	0.00	11760.00	0.00	0.00
Pymnt:	0.00	-13036.10	-25067.28	0.00	0.00	0.00	-5271.59	0.00	0.00	-50.00	-18880.00	-4913.11
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>	55,184.97				0.00			0.00				0.00
<b>Avg Rev:</b>	6,131.66				0.00			6,131.66				
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												
<b>Total Payment:</b>												-67,218.08

USAGE HISTORY

	Dec 08	Nov 08	Oct 08	Sep 08	Aug 08	Jul 08	Jun 08	May 08	Apr 08	Mar 08	Feb 08	Jan 08
Usage:	0	0	375680	722400	0	0	0	153360	0	0	0	0
Kw Dmd:	0.000	0.000	258.480	256.240	256.240	0.000	0.000	254.720	254.720	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	258.480	256.240	256.240	0.000	0.000	254.720	254.720	0.000	0.000	0.000
<b>Total Usage:</b>	1,251,440											
<b>Avg Usage:</b>	104,287											
<b>Total Kw Dmd:</b>	1280.400											
<b>Avg Kw Dmd:</b>	106.700											
<b>Total Bill Dmd:</b>	1280.400											
<b>Avg Bill Dmd:</b>	106.700											

2007

BENTON REA

Revision: 17192

06/20/2022 2:08:47 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07
Rev:	0.00	12800.14	0.00	19945.56	0.00	0.00	0.00	2925.90	0.00	11760.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	12800.14	0.00	19945.56	0.00	0.00	0.00	2925.90	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	12800.14	0.00	19945.56	0.00	0.00	0.00	2925.90	0.00	11760.00	0.00	0.00
Pymnt:	-6000.00	-5000.00	-10000.00	0.00	-4040.00	-6100.00	-11180.27	-2000.00	-4000.00	-6000.00	-3000.00	-4000.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		47,431.60		<b>Total Dmd:</b>	0.00	<b>Total Dvc:</b>		0.00	<b>Total PCA:</b>		0.00	
<b>Avg Rev:</b>		3,952.63		<b>Avg Dmd Rev:</b>	0.00	<b>Avg Reporting Rev:</b>		3,952.63	<b>Total Payment:</b>		-61,320.27	

USAGE HISTORY

	Dec 07	Nov 07	Oct 07	Sep 07	Aug 07	Jul 07	Jun 07	May 07	Apr 07	Mar 07	Feb 07	Jan 07
Usage:	0	368880	0	574800	0	0	0	84320	0	0	0	0
Kw Dmd:	0.000	0.000	254.400	0.000	254.400	254.400	0.000	254.080	254.080	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	254.400	0.000	254.400	254.400	0.000	254.080	254.080	0.000	0.000	0.000
<b>Total Usage:</b>		1,028,000		<b>Total Kw Dmd:</b>		1271.360		<b>Total Bill Dmd:</b>		1271.360		
<b>Avg Usage:</b>		114,222		<b>Avg Kw Dmd:</b>		141.262		<b>Avg Bill Dmd:</b>		141.262		

2006

BENTON REA

Revision: 17192

06/20/2022 2:08:35 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 06	Nov 06	Oct 06	Sep 06	Aug 06	Jul 06	Jun 06	May 06	Apr 06	Mar 06	Feb 06	Jan 06
Rev:	0.00	12981.27	0.00	20210.94	0.00	0.00	0.00	4678.38	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11760.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	4658.55	0.00	0.00	0.00	1078.35	0.00	0.00	0.00	0.00
Rev Tot:	0.00	12981.27	0.00	24869.49	0.00	0.00	0.00	5756.73	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	12981.27	0.00	24869.49	0.00	0.00	0.00	5756.73	0.00	11760.00	0.00	0.00
Pymnt:	-1312.00	0.00	-12000.00	0.00	0.00	-4040.00	-4602.51	-3000.00	-6000.00	-10149.90	-12000.00	-3000.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		37,870.59			11,760.00				0.00			5,736.90
<b>Avg Rev:</b>		3,155.88			980.00			4,135.88				-56,104.41

USAGE HISTORY

	Dec 06	Nov 06	Oct 06	Sep 06	Aug 06	Jul 06	Jun 06	May 06	Apr 06	Mar 06	Feb 06	Jan 06
Usage:	0	0	0	716700	0	0	0	165900	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Usage:</b>		882,600					0.000					0.000
<b>Avg Usage:</b>		98,067					0.000					0.000

2005

BENTON REA

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR
COOP	0.00	0.00	0.00	0.00

Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 05	Nov 05	Oct 05	Sep 05	Aug 05	Jul 05	Jun 05	May 05	Apr 05	Mar 05	Feb 05	Jan 05
Rev:	0.00	10380.42	0.00	20803.14	0.00	0.00	0.00	4847.58	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11760.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	2392.65	0.00	4795.05	0.00	0.00	0.00	1117.35	0.00	0.00	0.00	0.00
Rev Tot:	0.00	12773.07	0.00	25598.19	0.00	0.00	0.00	5964.93	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	12773.07	0.00	25598.19	0.00	0.00	0.00	5964.93	0.00	11760.00	0.00	0.00
Pymnt:	-12000.00	-2000.00	0.00	0.00	-2020.00	-2397.24	-4000.00	-3000.00	-6000.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		36,031.14		<b>Total Dmd:</b>	11,760.00	<b>Total Dvc:</b>		0.00	<b>Total PCA:</b>			8,305.05
<b>Avg Rev:</b>		3,002.60		<b>Avg Dmd Rev:</b>	980.00	<b>Avg Reporting Rev:</b>		3,982.60	<b>Total Payment:</b>			-31,417.24

USAGE HISTORY

	Dec 05	Nov 05	Oct 05	Sep 05	Aug 05	Jul 05	Jun 05	May 05	Apr 05	Mar 05	Feb 05	Jan 05
Usage:	0	368100	0	737700	0	0	0	171900	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Usage:</b>		1,277,700		<b>Total Kw Dmd:</b>		0.000		<b>Total Bill Dmd:</b>				0.000
<b>Avg Usage:</b>		106,475		<b>Avg Kw Dmd:</b>		0.000		<b>Avg Bill Dmd:</b>				0.000



2004

BENTON REA

Revision: 17192

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ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 04	Nov 04	Oct 04	Sep 04	Aug 04	Jul 04	Jun 04	May 04	Apr 04	Mar 04	Feb 04	Jan 04
Rev:	0.00	17436.06	0.00	8375.40	0.00	0.00	0.00	12013.20	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11760.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	4018.95	0.00	1930.50	0.00	0.00	0.00	2769.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	21455.01	0.00	10305.90	0.00	0.00	0.00	14782.20	0.00	11760.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	21455.01	0.00	10305.90	0.00	0.00	0.00	14782.20	0.00	11760.00	0.00	0.00
Pymnt:	-21455.01	0.00	-10305.90	0.00	0.00	-7070.00	-7782.20	-5817.60	-6000.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		37,824.66			11,760.00				0.00			
<b>Avg Rev:</b>		3,152.06			980.00				4,132.06			
<b>Total Dmd:</b>												
<b>Avg Dmd Rev:</b>												
<b>Total Dvc:</b>												
<b>Avg Reporting Rev:</b>												
<b>Total PCA:</b>												8,718.45
<b>Total Payment:</b>												-58,430.71

USAGE HISTORY

	Dec 04	Nov 04	Oct 04	Sep 04	Aug 04	Jul 04	Jun 04	May 04	Apr 04	Mar 04	Feb 04	Jan 04
Usage:	0	618300	0	297000	0	0	0	426000	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Usage:</b>		1,341,300										
<b>Avg Usage:</b>		111,775										
<b>Total Kw Dmd:</b>								0.000				0.000
<b>Avg Kw Dmd:</b>								0.000				0.000
<b>Total Bill Dmd:</b>												0.000
<b>Avg Bill Dmd:</b>												0.000

2003

BENTON REA

Revision: 17192

06/20/2022 2:07:09 pm

ACCOUNT 1600825 RECONCILIATION

Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
1600825	ROBERT & SONS	1521 WAUTOMA RD SUNNYSIDE, WA 98944	(509)830-0235	(509)837-6567	(509)945-0666	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
60341476	104298	05/26/2022	34									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
COOP	0.00	0.00	0.00	0.00	16008	1	26,994.39	301,040	0005300001	3	06	572	TIM GROW	PROSSER

BILLING HISTORY

	Dec 03	Nov 03	Oct 03	Sep 03	Aug 03	Jul 03	Jun 03	May 03	Apr 03	Mar 03	Feb 03	Jan 03
Rev:	0.00	11793.24	0.00	22139.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dmd:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	2718.30	0.00	5103.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	0.00	14511.54	0.00	27242.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	14511.54	0.00	27242.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pymnt:	-14511.54	0.00	-27242.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Rev:</b>		33,933.06			0.00				0.00			
<b>Avg Rev:</b>		8,483.26			0.00				8,483.26			
<b>Total Dmd:</b>					0.00							7,821.45
<b>Avg Dmd Rev:</b>					0.00							-41,754.51
<b>Total PCA:</b>												
<b>Total Payment:</b>												

USAGE HISTORY

	Dec 03	Nov 03	Oct 03	Sep 03	Aug 03	Jul 03	Jun 03	May 03	Apr 03	Mar 03	Feb 03	Jan 03
Usage:	0	418200	0	785100	0	0	0	0	0	0	0	0
Kw Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bill Dmd:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Usage:</b>		1,203,300					0.000					0.000
<b>Avg Usage:</b>		300,825					0.000					0.000
<b>Total Kw Dmd:</b>							0.000					0.000
<b>Avg Kw Dmd:</b>							0.000					0.000
<b>Total Bill Dmd:</b>												0.000
<b>Avg Bill Dmd:</b>												0.000

# **ATTACHMENT E**

## **Driller Logs for Well Nos. 1 and 2**

The Dep. The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

STATE OF WASHINGTON  
DEPARTMENT OF CONSERVATION  
AND DEVELOPMENT

WELL LOG

No. Appl. 4294

Date 1928, 19

Record by Mrs. Eva Robert

Source Driller's Record

Location: State of WASHINGTON

County Benton

Area

Map

SW 1/4 1/4 sec. 20 T. 12 N., R. 24 E. W.

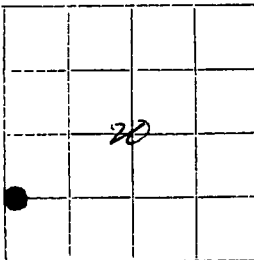


Diagram of Section

Drilling Co. Driller - Deceased Hewitt

Address ?

Method of Drilling Drilled Date June 25, 1956

Owner Mrs. Eva Robert

Address 309 S. 11th Ave. Yakima, Wash.

Land surface, datum ft above below

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
------------------	----------	---------------------	-----------------

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

	Unknown		
	Pump Test:		
	Dia: 1100' X 6"		
	SWL: 45'		
	DD: 40'		
	Yield: 575 gpm		
	Casing: 6" dia std.		
	casing from	0 to 400'	
	5" dia std. casing	400 to 5 00	
	5" dia well shoe at	800'	
	Perforations: NONE		

Turn up

Sheet of sheets

No. 1100' X 6" Dia  
 1100' X 6" Dia  
 1100' X 6" Dia



WATER WELL LOG for EMILE L. & VICTOR E. ROBERT  
Water Well #2 Started January 28, 1974

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

0 - 6	Top Soil
6 - 16	Caliche
16 - 22	Gravel & Boulders
22 - 30	Cement Gravel
30 - 32	Brown Gravel
32 - 90	Brown Gravel & Boulders
90 - 101	Brown Clay, little Gravel
101 - 108	Brown Yellow Clay
108 - 122	Light Brown Clay
122 - 128	Gray Clay
128 - 135	Brown Clay
135 - 142	Brown Sand Rock
142 - 146	Gray Sand Rock
146 - 150	Brown Sand Rock
150 - 155	Gray Sand
155 - 165	Gray Heaving Sand
165 - 171	Gray Sand, little Brown Clay
171 - 193	Brown Sandy Clay
193 - 203	Brown Clay
203 - 245	Yellow Clay
245 - 257	Brown Clay
257 - 268	Gray Clay
268 - 273	Brown Clay
273 - 280	Gray Sand, Heaving - Water
280 - 282	Gray Clay with Gravel
282 - 289	Gravel & Sand
289 - 300	Dark Clay & Shale
300 - 332	Gray Sand, tight
332 - 341	Rock
341 - 352	Gravel & Sand

24"

352 - 425	Gravel & Sand
425 - 428	Gravel & Sand - Water
428 - 433	Gravel & Sand
433 - 434	Black Basalt
434 - 437	Black Basalt, broken
437 - 445	Black Basalt, little red
445 - 515	Black Basalt
515 - 520	Gravel & Sand

16"

520 - 536	Black Basalt
536 - 544	Gray Basalt
544 - 626	Black Basalt
626 - 638	Black Basalt, little Gray Clay
638 - 647	Black Basalt, little Gray Clay & Shale
647 - 663	Black Basalt

12"

663 - 699	Gray Basalt
699 - 709	Black Basalt
709 - 715	Black & Brown Basalt with little Green Shale
715 - 720	Brown Basalt with Green Shale
720 - 723	Green Clay
723 - 730	Gray Sand - Water
730 - 737	Gray Sandy Clay

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737 - 745	Blue Sandy Clay
745 - 748	Brown Sandy Clay
748 - 755	Blue Sandy Clay
755 - 762	Dark Clay, little wood
762 - 771	Dark Clay, little Sand
771 - 772	Black Clay
772 - 776	Black Shale - Water
776 - 778	Black Shale, heaving
778 - 782	Black Basalt
782 - 794	Black Porous Basalt, very little cuttings - Water Clear
794 - 798	Black Basalt, getting some cuttings
798 - 800	Black Basalt
800 - 943	Black Basalt
943 - 972	Black Porous Basalt, very little cuttings
972 - 979	Black Basalt
979 - 989	Black Basalt, very little cuttings
989 - 1000	Black Porous Basalt, very little cutting. Water raised to 120' between 989' & 1000'
1000 - 1008	Black Porous Basalt, little cutting. Water raised 1' in last 8'
1008 - 1011	Black Porous Basalt, some cuttings
1011 - 1013	Brown Basalt, rotten, very little cuttings
1013 - 1020	Black Porous Basalt, very little cutting, Water Clear, washing cuttings thru.
1020 - 1046	Brown Porous Basalt, very little cuttings.
1046 - 1051	Black Basalt, some cuttings
1051 - 1055	Black Porous Basalt, very little cuttings
1055 - 1078	Black Basalt
1078 - 1082	Black Porous Basalt, very little cuttings
1082 - 1091	Red Porous Basalt
1091 - 1102	Red Porous Basalt, very little cuttings
1102 - 1104	Red Basalt
1104 - 1157	Black Basalt
1157 - 1173	Black Porous Basalt, no cutting. Water up to 118'6" and clear
1173 - 1248	Black Basalt
1248 - 1252	Red Porous Basalt, very little cutting. Water up to 118' and clear
1252 - 1257	Black Basalt, very little cutting. Water Clear
1257 - 1270	Black Basalt
1270 - 1274	Black Basalt, very little cutting
1274 - 1280	Black Basalt

8"

WASHING USED --- 322' of 24" with shoe, 375 Wall  
 422'5" of 16" with shoe, 375 Wall  
 526'2" of 12" with shoe, 250 Wall  
 658'10" of 10" with shoe, 279 Wall  
 232'10" of 8" liner set at 778' - 277 Wall with shoe on top & bottom.

10" cut at 458' at rig floor, 10" swedged out to 12"  
 12" cut at 388'4" at rig floor, Pushover Packer set between 12" & 16"  
 16" cut at 298'3" at rig floor, Pushover Packer set between 16" & 24"

Dilley Drilling Co.  
 605 Meadowbrook Rd.  
 Yakima, Wash. 98903

*Victor E. Dilley*  
 Victor E. Dilley  
 License # 0100

12/29/75

WELL RECORD

Owner: EMILE L. and VICTOR E. ROBERTS, JR. App. # 8212
Address: 1124 S. 29th Ave., YAKIMA, WASH Permit # 7685
Location: Cert. #
Regis. #

Land Surface Altitude 1080' msl

Sanford Grid Coordinates

Sanford ID Date Completed 12-18-75

U.S.G.S. ID 463521119512601 Other Designation

Diameter of Hole 24" to 8"

Drilled Depth 1280' Altitude -200'

Depth to Bottom Altitude

Casing 332' of 24", 422.5' of 16"; 526.2' of 12"; 658.8' of 10"; 232.8' of

18" Altitude of Top of Casing

Perforations \*\*

Screens Surface Seal 315' to 352' with cement

Altitude of screened or uncased portion of well

Pump U.S. Motor turbine; 18" bowls - 12" drop pipe, 500 hp

Depth to Water 116', 12-18-75 Water-level Altitude 964'

Other 3350 gpm, 12-18-75. \*\* 10" cut at 458' at rig floor, 10" swedged out to 12", cut at 388.3' at rig floor; Pushover Packer set between 12" and 16"; 16" cut at 298.2' at rig floor. Pushover Packer set between 16" and 24".

Field check shows well in center of NE 1/4 Sec. 30. A pump test is possible after the pumping season ends.

SOURCES

Wash. St. Water Well Record 8-26-76

U.S.G.S. Data File, Feb. '78 X

Wash. St. Water Supply Bul. 8

Taylor, G.C., July 1948

Pump Tested? X Date 8-26-76
Water Chemistry? Date

\* Field checked 4-78

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