

APPROVED

**CACHE COUNTY
COUNCIL MINUTES
MAY 24, 2011**

CACHE COUNTY COUNCIL
May 24, 2011

AIR QUALITY – Department of Air Quality Meeting..... 2

ASSESSOR’S REPORT – Sales Ratios and 2011 Tax Rolls..... 4

BLT SUBDIVISION – Consent Agenda 6

BUDGET – Public Hearing -May 24, 2011-6:00 p.m.-Open 2011 Budget-Resolution No. 2011-14..... 4,8

CCI SOFTWARE (Colorado Customware, Inc.) 5

CACHE VALLEY TRANSIT DISTRICT 2

**CACHE VALLEY VIEW ESTATES – Public Hearing Set- June 14, 2011 – 5:30 p.m.-Cache Valley View Estates-
 Doug Bassett requesting rezone from A-10 to RU-5 located at approximately 1450 West 6500 South, Hyrum 6**

CONSENT AGENDA – BLT Subdivision & Kelly Spackman Subdivision 6

COUNTY SEAT PROGRAM..... 5

**EDGE EXCAVATION REZONE – Ordinance No. 2011-07-Justin Robinson requesting rezone from A-10 to IM,
 located at approximately 2200 North 1100 West, Logan..... 8**

EXTENSION – USU, Report..... 3

FIRE BOARD – Residential Fire Suppression-Public Hearings..... 10

FLOOD REPORT 1

**JAIL – Ordinance No. 211-08- Adopting Maximum Operating Capacity and Inmate Retention Guidelines for the
 Cache County Jail (NO ACTION TAKEN) 9**

KELLY SPACKMAN SUBDIVISION – Consent Agenda..... 6

**LINDLEY BASIN REZONE – Ordinance No. 2011-06- Lindley Basin Rezone-Wayne Crow requesting rezone from
 FR-40 to A-10 located approximately 7400 South 4000 West, Mt. Sterling 8**

ORDINANCE NO. 2011-04 – Amendments to Title 15-Buildings and Construction 7

**ORDINANCE NO. 2011-05 – Amendments to Title 17.19 Utility Corridor Overlay Zone, 17.02.040(B)(4)(h)
 Administration, 17.07 Definitions, 17.08.020 and 17.08.030(l) Zoning Districts, and 17.09.030 Schedule of Zoning
 Uses 7**

**ORDINANCE NO. 2011-06 – Lindley Basin Rezone-Wayne Crow requesting rezone from FR-40 to A-10 located
 approximately 7400 South 4000 West, Mt. Sterling 8**

**ORDINANCE NO. 2011-07 – Edge Excavation Rezone – Justin Robinson requesting rezone from A-10 to IM
 located at approximately 2200 North 1100 West, Logan..... 8**

**ORDINANCE NO. 2011-08 – Adopting Maximum Operating Capacity and Inmate Retention Guidelines for the
 Cache County Jail (NO ACTION TAKEN) 9**

PARADE – North Logan 24th of July Parade 9

PARADE – Logan Pioneer Day Parade	9
PROPERTY TAX EXEMPTION REQUEST – Thomas Edison Charter School.....	6
PUBLIC HEARING – May 24, 2011-6:00 p.m.-Open 2011 Budget	4
PUBLIC HEARING SET – June 14, 2011 – 5:30 p.m.-Cache Valley View Estates-Doug Bassett requesting rezone from A-10 to RU-5 located at approximately 1450 West 6500 South, Hyrum.....	6
PUBLIC HEARING SET – June 14, 2011 – 6:00 p.m.-Amendments to Titles 12.04, 12.08, 16, 17.02.070 regarding roadway standards	6
RESOLUTION NO. 2011-14 – 2011 Budget Amendments	8
RESOLUTION NO. 2011-15 – Grant Funding for Cache County Water Systems Master Plan	9
RESTAURANT TAX.....	2
REZONE – Ordinance No. 2011-06- Lindley Basin Rezone-Wayne Crow requesting rezone from FR-40 to A-10 located approximately 7400 South 4000 West, Mt. Sterling.....	8
REZONE – Ordinance No. 2011-07- Edge Excavation Rezone – Justin Robinson requesting rezone from A-10 to IM located at approximately 2200 North 1100 West, Logan.....	8
ROAD – Farm Road-800 West	2
ROADS – Proposed Amendments to the Cache County Road Standards-Workshop-June 14, 2011-3:30 p.m.....	9
ROADWAY STANDARDS – Public Hearing Set-June 14, 2011 – 6:00 p.m.-Amendments to Titles 12.04, 12.08, 16, 17.02.070 regarding roadway standards.....	6
SALES RATIOS AND 2011 TAX ROLLS	4
TAX SALE – May	2
THOMAS EDISON CHARTER SCHOOL – Property Tax Exemption Request	6
TITLES 12.04, 12.08, 16, 17.02.070 – Public Hearing Set-June 14, 2011 – 6:00 p.m.-Amendments to Titles 12.04, 12.08, 16, 17.02.070 regarding roadway standards.....	6
TITLE 15 – Ordinance No. 2011-04- Amendments to Title 15-Buildings and Construction	7
TITLES 17.19, <i>Utility Corridor Overlay Zone</i> , 17.02.040(B)(4)(h) <i>Administration</i> , 17.07 <i>Definitions</i> , 17.08.020 and 17.08.030(I) <i>Zoning Districts</i> , and 17.09.030 <i>Schedule of Zoning Uses</i> – Ordinance No. 2011-05- Amendments to Title 17.19 <i>Utility Corridor Overlay Zone</i> , 17.02.040(B)(4)(h) <i>Administration</i> , 17.07 <i>Definitions</i> , 17.08.020 and 17.08.030(I) <i>Zoning Districts</i> , and 17.09.030 <i>Schedule of Zoning Uses</i>	7
USU EXTENSION REPORT	3
WARRANTS – 04-29-2011 to 05-05-2011	1
WATER SYSTEMS MASTER PLAN – Resolution No. 2011-15- Grant Funding for Cache County Water Systems Master Plan	9

CACHE COUNTY COUNCIL MEETING
May 24, 2011

The Cache County Council convened in a regular session on May 24, 2011 at 5:00 p.m. in the Cache County Council Chamber at 199 North Main, Logan, Utah.

ATTENDANCE:

Chairman: Jon White
Vice Chairman: Craig "W" Buttars
Council Members: H. Craig Petersen, Val Potter, Kathy Robison, Cory Yeates & Gordon Zilles.
County Executive: M. Lynn Lemon
County Clerk: Jill N. Zollinger
County Attorney: James Swink

The following individuals were also in attendance: Janeen Allen, Chad Booth, Wayne Crow, Cindy Gooch, Chris Harrild, Sharon L. Hoth, Cole Naegle, Dave Nielsen, Doyle Peck, Director Josh Runhaar, Brandon Thomas, Rick Williams, Megan Wiseman, **Media:** Charles Geraci (Herald Journal).

OPENING REMARKS AND PLEDGE OF ALLEGIANCE

Council member Petersen gave the opening remarks and led those present in the Pledge of Allegiance.

REVIEW AND APPROVAL OF AGENDA

ACTION: Motion by Council member Buttars to approve the agenda as written. Zilles seconded the motion. The vote was unanimous, 7-0.

REVIEW AND APPROVAL OF MINUTES

ACTION: Motion by Council member Robison to approve the minutes of the May 10, 2011 Council Meeting as written. Yeates seconded the motion. The vote was unanimous, 7-0.

REPORT OF THE COUNTY EXECUTIVE: M. LYNN LEMON

APPOINTMENTS: There were no appointments.

WARRANTS: Warrants for the period 04-29-2011 to 05-05-2011 were given to the Clerk for filing.

OTHER ITEMS

- Flood Report – Rick Williams, Emergency Manager** – Executive Lemon asked Rick Williams to update the Council on the current status of potential flooding. Williams said the Little Bear River has been returned to a flood watch status as of this morning due to recent heavy rains. Cache County is anticipating more flooding on the Blacksmith Fork and the Little Bear River will stay on warning through June 2, 2011. Residents of Logan Canyon have performed a lot

of mitigation work in anticipation of high water problems. Williams has met with the Forest Service, UDOT and the Highway patrol. There is a possibility of some water on the road in Logan Canyon this weekend. Tony Grove has about 50 inches of water in the snowpack still to come down. Twenty-one thousand sandbags have been distributed countywide. The state of Utah is looking at doing a cumulative total for state assistance funding. Cache County's threshold is around \$335,000.00 and Williams will continue to monitor that issue. The Logan River may hit flood stage levels on May 31, 2011 depending on temperatures this weekend.

Darrell Erickson reported water problems began on April 18, 2011 when equipment had to be moved to the Millville bridge where debris was building up and the Little Bear started running high about that same time. East canyon by Porcupine is still closed due to water on the road. Up north, Summit and High Creek and the Bear River in Benson are being watched closely. The county has contributed about 665 man hours and 391 equipment hours to flood control work thus far. There are no major problems right now. The bridge is doing better now that the river is approaching the bridge at a straighter course.

Executive Lemon expressed appreciation for the work Williams and Erickson have done.

- ❑ **Department of Air Quality Meeting** – Executive Lemon announced a June 2, 2011 PM2.5 Stakeholder Kickoff meeting from 2:00 to 4:00 p.m. in Room 7 of the John A. Widtsoe Building at Utah State University. Information received will be used by the state to create its SIP (state implementation plan). Lemon encouraged Council members to attend.
- ❑ **Farm Road - 800 West** – Executive Lemon indicated that County Engineer Zollinger has advised the county that the proposed farm road from 4200 North to 4700 North on 800 West has a wetlands problem. The county will meet with the property owners along 800 West to recommend they apply for the road construction under an agricultural exemption for a road in a wetlands area. The county does not qualify for the exemption, but the property owners do.
- ❑ **May Tax Sale** – Executive Lemon stated there are three properties listed on the tax sale, but he has a meeting with one of the parties tomorrow which may produce a resolution on that property. The final list will be on the June 14, 2011 agenda for Council approval.
- ❑ **Restaurant Tax** – Petersen asked if the Council needed to take any action regarding the Restaurant tax? Executive Lemon noted that the State Attorney General has asked all attorneys to join with the state and asked County Attorney Swink if the Council needed to do anything? Swink said he could run it by the Council if so desired. Lemon told Petersen he would find out more about the issue and it will be on the June 14, 2011 agenda.

ITEMS OF SPECIAL INTEREST

- **Cache Valley Transit District – Todd Beutler** reported on the Transit District operations including the following:

- Bus purchases
- Emissions testing
- Audit just complete
- URSTA - statewide transit organization
- Auto vehicle location system - text real time updates
- Federal Transit Administration triennial review - August
- Allocation of resources
- Ridership growth
- Short range transit plan

Council member Petersen asked if the Preston route is still running? Beutler replied there are two morning roundtrip runs to Preston and two afternoon roundtrip runs.

Executive Lemon asked how much of Utah Transit revenues come from fares? Beutler said it is about 7-10%.

Council member Potter commented he has received complaints from citizens that Cache Valley Transit doesn't charge a fare and advised Beutler that any expansion plans should consider the charging of fares.

UNIT OR COMMITTEE REPORTS

★ **USU Extension Report – Adrie Roberts** noted that extension agents are employees of Utah State University and are grateful for the county's support of the program. Roberts also observed that USU has provided several interns to the extension office. Other topics discussed were:

- Emergency Preparedness class
- Marriage class
- Food Sense/Nutrition program
- Mommy and Me class
- Eat and Educate Workshop series
- Latino program

Scott Williams reported that the 4-H program is doing well and said that nationally, 4-H has adopted three initiatives - Science and Technology, Healthy Lifestyles and Citizenship and activities locally and statewide reflect those themes. Highlights of the past year include:

- ✧ Jamie Christensen of Smithfield won the Utah 4-H state contest and participated in the Western Roundup in Denver and placed 3rd nationally.
- ✧ Shandie Richman of Hyrum recently attended a national 4-H conference in Washington, D.C. representing Cache County in the Utah delegation. Shandie applied to be a State 4-H ambassador and was among the eight to ten selected who will represent Utah 4-H. Her project was organizing and conducting a cooking camp for 52 youth.
- ✧ Eleven Cache County 4-H youth attended a mock legislature in January.

Taun Beddes, Horticultural Agent, thanked the county for its support. Beddes divides his time among Community Gardens, Cache County Jail and public education. The community gardens in Hyde Park contain 80 plots and all are used. Nibley has recently developed another two-acre site for community

gardens as well. With these two sites, Cache County has the largest community gardens program in the state. The Cache County jail horticulture program provides a pesticide applicators' course for interested inmates. At the close of the course, inmates can test and obtain an applicator's license which helps them find employment upon leaving jail. Greenhouse training is also part of the jail program. Beddes has about forty different teaching opportunities during the year with church and community groups as well as Latino education.

Clark Israelsen, Agricultural Agent, reported that the rain has delayed or totally prevented some crops being planted this year. Agriculture produced \$158,000,000.00 in cash receipts for Cache County last year and is an important part of the county economy. Israelsen is involved in several studies with Utah State University. Israelsen noted that about fifteen years ago, Utah set up a Utah Century Farm and Ranch Committee to recognize families that had been successful enough in the industry to keep the farm in the family for 100 years plus. Kent and Craig Buttars and families of Lewiston, Utah are the recipients of the Century Farm Award this year and Israelsen presented the award to Vice Chairman Craig Buttars. Buttars indicated his grandfather, Dan Buttars, started the farm in 1908 and he is grateful to have been able to raise his family there and work with his brother, Kent Buttars. Israelsen reported that residents in Young Ward are concerned about the Logan River where it goes under 1000 West and then turns 90 degrees north. Residents are worried the river will wash out and cause damage as far as Mendon. Israelsen asked the county to visit the site to assess the risk.

- ★ **Sales Ratios and 2011 Tax Rolls – Kathleen Howell** explained the sales ratio process to the Council. Personal visits have been made to 13,000 of the county 43,000 parcels this year and must visit all parcels at least every five years. Part of the tax collected goes into the State Uniform School Fund and the state monitors Howell's office very carefully. State law requires that property values fall within 90-110% of what a property actually sells for and Howell detailed the process she uses to acquire the necessary sale amounts and how she uses those to determine sales ratios. Cache County's COD (coefficient of dispersion) percentage is 3.27% - so close that the state questioned how Cache County could be that close to the actual sale prices. Howell believes it is because she uses the year built as a factor in her determination. Howell took into consideration the fact that the housing market in Cache County is presently soft when she calculated sales ratios this year and made a 5% reduction overall.

PUBLIC HEARINGS, APPEALS AND BOARD OF EQUALIZATION MATTERS

PUBLIC HEARING: MAY 24, 2011- 6:00 P.M. - OPEN 2011 BUDGET – Auditor Stones reviewed the budget changes. *(See Attachment 5 to Resolution No. 2011-14-Budget Amendments for details.)*

Chairman White opened the public hearing and invited comment. There was none.

ACTION: Motion by Council member Petersen to close the Public Hearing-May 24, 2011-6:00 p.m.-Open 2011 Budget. Yeates seconded the motion. The vote was unanimous, 7-0.

UNIT OR COMMITTEE REPORTS

- ★ **Discussion – CCI Software-James Swink and Don Briel** - Don Briel reminded the Council that the proposal to move to the CCI Software began in March of 2011 and asked the Council for a decision. Executive Lemon noted there is concern from the Recorder and Treasurer, but stated the county cannot have two different tax roll systems and supports going with the CCI system. The state legislature made the decision that all Assessors' offices in the state will be on this system and recommended that the county accept the proposal to move to the CCI Software.

Attorney Swink stated that some portions of the software program are not completed - most notably the Recorders' portion. Salt Lake is using the program and will be testing parts of it in September.

Briel is fearful that the discount offered Cache County will no longer be available if the county waits too long.

ACTION: Motion by Council member Potter to purchase the Colorado Customware, Inc. (CCI) software with a Council directive to negotiate the Recorder and Treasurer portions. Petersen seconded the motion. The vote was unanimous, 7-0.

Vice Chairman Buttars left the meeting.

INITIAL PROPOSAL FOR CONSIDERATION

- **Topics for County Seat Program – Chad Booth** observed that the County Seat program has done better than expected and invited Council members to put forth topics for future programs. The following were suggested:

Council member Robison - Group homes and zoning laws

Council member Potter - Canal issues

Chairman White - Road funds - specifically, Cache County is 4% of Utah population, but receives only 1% of tax revenues for roads

Council member Petersen - Local option sales taxes and restaurant and RAPZ taxes

Council member Zilles - Privately and publicly owned lands - specifically, the discrepancy in public lands in the west vs. the eastern part of the nation

Council member Petersen commented that the County Seat panel discussions don't seem to have opposite sides represented very well. Booth responded that in the recent land related issues, Director Palma has been invited to participate, but had to decline due to pending litigation issues.

Commercials for the programs addressing Cache County issues will be developed by the Cache Valley Visitors Bureau.

CONSENT AGENDA

- ◇ BLT Subdivision-Brandon Thomas requesting 2-lot subdivision located at approximately 10800 North 7200 West, Clarkston
- ◇ Kelly Spackman Subdivision Amendment and Boundary Line Adjustment-Floyd Naegle requesting 3-lot subdivision located at approximately 3007 North 2400 West, Benson

(Attachment 1)

ACTION: Motion by Council member Yeates to approve the Consent Agenda items – BLT Subdivision and Kelly Spackman Subdivision. Zilles seconded the motion. The vote was unanimous, 6-0. Buttars absent.

PUBLIC HEARINGS, APPEALS AND BOARD OF EQUALIZATION MATTERS

ACTION: Motion by Council member Yeates to convene as a Board of Equalization. Potter seconded the motion. The vote was unanimous, 6-0. Buttars absent.

THE COUNCIL CONVENED AS A BOARD OF EQUALIZATION.

BOARD OF EQUALIZATION

- **Property Tax Exemption Request** (*Details are on file in the Cache County Auditor's Office*)
Thomas Edison Charter School

ACTION: Motion by Council member Yeates to approve the property tax exemption request for Thomas Edison Charter School. Robison seconded the motion. The vote was unanimous, 6-09. Buttars absent.

ACTION: Motion by Council member Yeates to adjourn from the Board of Equalization. Petersen seconded the motion. The vote was unanimous, 6-0. Buttars absent.

PUBLIC HEARING SET: JUNE 14, 2011 AT 5:30 P.M.-CACHE VALLEY VIEW ESTATES-DOUG BASSETT REQUESTING REZONE FROM A-10 TO RU-5 LOCATED AT APPROXIMATELY 1450 WEST 6500 SOUTH, HYRUM

and

PUBLIC HEARING SET: JUNE 14, 2011 AT 6:00 P.M.-AMENDMENTS TO TITLES 12.04, 12.08, 16, 17.02.070 REGARDING ROADWAY STANDARDS

ACTION: Motion by Council member Robison to set Public Hearings for June 14, 2011 at 5:30 p.m.-Cache Valley View Estates-Doug Bassett Requesting Rezone

from A-10 to RU-05 located at approximately 1450 West 6500 South, Hyrum and June 14, 2011 at 6:00 p.m.-Amendments to Titles 12.04, 12.08, 16, 17.02.070 regarding roadway standards. Yeates seconded the motion. The vote was unanimous, 6-0. Buttars absent.

PENDING ACTION

- Ordinance No. 2011-04 – Amendments to Title 15-Buildings and Construction** - Director Runhaar commented that he had mailed the requested appendices to Council members after the last meeting and recommended approval of the ordinance.

(Attachment 2)

Ordinance No. 2011-04: The vote was 6-0. Buttars absent.

	<u>BUTTARS</u>	<u>POTTER</u>	<u>PETERSEN</u>	<u>ROBISON</u>	<u>WHITE</u>	<u>YEATES</u>	<u>ZILLES</u>	<u>VOTES CAST</u>
AYE		X	X	X	X	X	X	6
NAY								0
ABSTAINED								0
ABSENT	X							1

- Ordinance No. 2011-05 – Amendments to Title 17.19 Utility Corridor Overlay Zone, 17.02.040(B)(4)(h) Administration, 17.07 Definitions, 17.08.020 and 17.08.030(l) Zoning Districts, and 17.09.030 Schedule of Zoning Uses** - Director Runhaar replied to Council member Robison’s question and Chairman White’s concerns that this is the first step in correcting problems with overlay zones and the schedule listing Aquaculture as needing a special use permit has not been amended, but that will be addressed in future amendments that will be proposed in June.

(Attachment 3)

ACTION: Motion by Council member Potter to approve Ordinance No. 2011-05 - Amendments to Title 17.19 Utility Corridor Overlay Zone, 17.02.040(B)(4)(h) Administration, 17.07 Definitions, 17.08.020 and 17.08.030(l) Zoning Districts, and 17.09.030 Schedule of Zoning Uses. Yeates seconded the motion. The vote was unanimous, 6-0. Buttars absent.

Ordinance No. 2011-05: The vote was 6-0. Buttars absent.

	<u>BUTTARS</u>	<u>POTTER</u>	<u>PETERSEN</u>	<u>ROBISON</u>	<u>WHITE</u>	<u>YEATES</u>	<u>ZILLES</u>	<u>VOTES CAST</u>
AYE		X	X	X	X	X	X	6
NAY								0
ABSTAINED								0
ABSENT	X							1

- Ordinance No. 2011-06 – Lindley Basin Rezone-Wayne Crow requesting rezone from FR-40 to A-10 located approximately 7400 South 4000 West, Mt. Sterling** - Christopher Harrild reminded the Council that this was discussed at the last Council meeting during the public hearing process and recommended approval.

(Attachment 4)

ACTION: Motion by Council member Zilles to approve Ordinance No. 2011-06 - Lindley Basin Rezone-Wayne Crow requesting rezone from FR-40 to A-10 located approximately 7400 South 4000 West, Mt. Sterling. Yeates seconded the motion. The vote was unanimous, 6-0. Buttars absent.

Ordinance No. 2011-06: The vote was 6-0. Buttars absent.

	<u>BUTTARS</u>	<u>POTTER</u>	<u>PETERSEN</u>	<u>ROBISON</u>	<u>WHITE</u>	<u>YEATES</u>	<u>ZILLES</u>	<u>VOTES CAST</u>
AYE		X	X	X	X	X	X	6
NAY								0
ABSTAINED								0
ABSENT	X							1

- Ordinance No. 2011-07 – Edge Excavation Rezone - Justin Robinson requesting rezone from A-10 to IM located at approximately 2200 North 1100 West, Logan** - Christopher Harrild restated that this is in Logan's annexation plan and surrounding Logan property is zoned IM and recommended approval.

(Attachment 5)

ACTION: Motion by Council member Yeates to approve Ordinance No. 2011-07 – Edge Excavation Rezone - Justin Robinson requesting rezone from A-10 to IM located at approximately 2200 North 1100 West, Logan. Potter seconded the motion. The vote was unanimous, 6-0. Buttars absent.

Ordinance No. 2011-07: The vote was 6-0. Buttars absent.

	<u>BUTTARS</u>	<u>POTTER</u>	<u>PETERSEN</u>	<u>ROBISON</u>	<u>WHITE</u>	<u>YEATES</u>	<u>ZILLES</u>	<u>VOTES CAST</u>
AYE		X	X	X	X	X	X	6
NAY								0
ABSTAINED								0
ABSENT	X							1

- Resolution No. 2011-14 – 2011 Budget Amendments**

(Attachment 6)

ACTION: Motion by Council member Yeates to approve Resolution No. 2011-14-2011 Budget Amendments. Petersen seconded the motion. The vote was unanimous, 6-0. Buttars absent.

INITIAL PROPOSAL FOR CONSIDERATION

- **Resolution No. 2011-15 – Grant Funding for Cache County Water Systems Master Plan** – Cindy Gooch of J-U-B Engineers reported that they have received a \$75,000.00 grant to develop the Cache County water master plan. This is the matching portion of it and requires a resolution from the Council. Yeates asked if the federal government doesn't contribute the \$75,000.00, is the county obligated to make it up? Gooch stated the county is only obligated for the \$55,000.00 from the Water Department budget.

(Attachment 7)

ACTION: Motion by Council member Yeates to waive the rules and approve Resolution No. 2011-15 - Grant Funding for Cache County Water Systems Master Plan. Zilles seconded the motion. The vote was unanimous, 6-0. Buttars absent.

- **Ordinance No. 2011-08 – Adopting Maximum Operating Capacity and Inmate Retention Guidelines for the Cache County Jail (NO ACTION TAKEN)** – Sheriff Nelson stated the Sheriff's Department has already adopted this as policy and asked for the Council's approval. The plan outlines criteria to deal with overcrowding. As the discussion progressed, Council member Potter asked at what point would Nelson consider expansion of the jail? Nelson conceded that expansion should be addressed in the near future as the jail is about three to four years from its ten-year projected life date.

Council member Petersen and Attorney Swink noted discrepancies in the language of the proposed ordinance and Attorney Swink said he will look over the language. A public hearing on the ordinance will be set at the June 14, 2011 Council meeting and the Council can act on it after the public hearing.

PENDING ACTION

- Discussion – Proposed Amendments to the Cache County Road Standards**
Director Runhaar observed that the discussion on road standards is more than a Council meeting can accommodate and asked how the Council wants to handle it? The public hearing on this issue will be at the June 14, 2011 Council meeting. The Council decided on a June 14, 2011 workshop at 3:30 p.m. prior to the Council meeting.

OTHER BUSINESS

- ✓ **North Logan 24th of July Parade – July 25, 2011 at 10:00 a.m.** – Council member Potter will attend
- ✓ **Logan Pioneer Day Parade – July 25, 2011 at 12:00 p.m.** – Attendees will be decided at a future Council meeting.

COUNCIL MEMBER REPORTS

Kathy Robison met with department heads and Council members concerning a public relations policy for Cache County and Julie Hollist volunteered to head up a "Did You Know?" campaign of 15 second radio ads for the county. The ads are due from department heads by the end of the month.

Gordon Zilles reported that the two public hearings with the Fire Board concerning fire suppression in county developments drew large crowds of very vocal citizens who do not want to be required to provide a water source or fire sprinklers in residences built in the county that are far from fire services. The state fire code indicates the county is not responsible for those requirements; however, Zilles worries that this makes development in the county much less expensive than near or in cities - just what the Council wants to avoid. County Attorney Swink indicated the county will have no liability if a home or life is lost because there are no fire suppression requirements for residential building.

ACTION: Motion by Council member Yeates to adjourn. Potter seconded the motion. The vote was unanimous, 6-0. Buttars absent.

ADJOURNMENT

The Council meeting adjourned at 7:53 p.m.

ATTEST: Jill N. Zollinger
County Clerk

APPROVAL: Jon White
Chairman



CACHE COUNTY CORPORATION

DEVELOPMENT SERVICES DEPARTMENT

JOSH RUNHAAR, AICP
DIRECTOR / ZONING ADMINISTRATOR
PAUL BERNTSON
CHIEF BUILDING OFFICIAL

179 NORTH MAIN, SUITE 305 LOGAN, UTAH 84321 ♦ (435)755-1640 ♦ FAX (435)755-1987

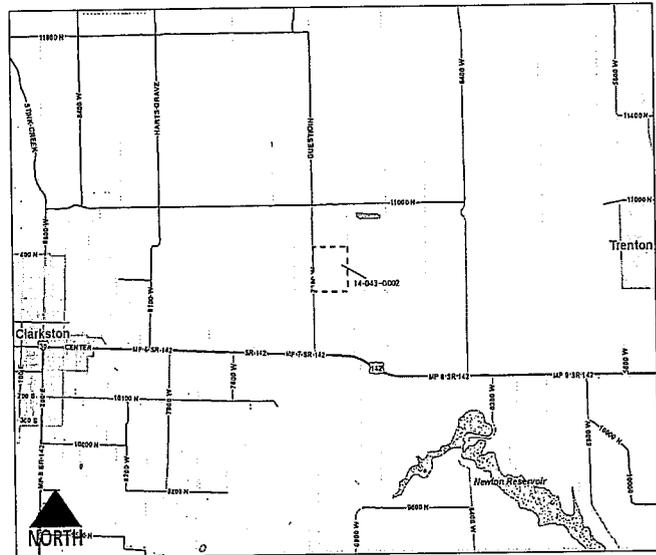
Project Name: BLT Subdivision

Agent: Brandon Thomas
Request: 2-Lot Suidivision
Tax ID: 14-043-0002
Current Zoning: Agricultural (A-10)
Project Address: 10800 North 7200 West
Clarkston, Utah 84305

Surrounding Uses: North – Agricultural/Residential
South – Agricultural
East – Agricultural
West – Agricultural

Type of Action: Recommendation to County Council
Staff Advisement: Approval with conditions

Reviewed by: Christopher S. Harrild, Planner I



PURPOSE

To recommend approval of the preliminary and final plat for the BLT Suidivision to the Cache County Council.

PROJECT SUMMARY

The proposal is to create a 2-lot subdivision located at approximately 10800 North 7200 West, Clarkston, in the Agricultural Zone on 40.39 acres of property. The subdivision will consist of one, 1 acre building lot (Lot #1), and one agricultural parcel not eligible for development.

Access:

- Access to the proposed Lot#1 is from 7200 West is adequate. At this access point, County Road 7200 West is a 20' wide gravel surface with a average shoulder width of 6" to 1'.

Water & Septic:

- Adequate, approved, domestic water rights will be in place at the time of final plat recordation for all building lots within the proposed subdivision.
- The proposed Lot #1 is feasible for on-site septic tank system. The soil will allow for standard trench systems with trench depth limited to 14 inches below natural soil grade.

Service Provision:

- All refuse and recycling containers shall be placed along the side of 7200 West for Monday collection.
- The residents shall provide sufficient shoulder space for the residential refuse and recycle containers to sit four feet apart and be out of the travel lane.
- A school bus stop is located at 7500 West 10400 North, approximately 6 blocks from the proposed subdivision.
- The proposed subdivision is being developed in an area without adequate water supply. The nearest tender is the Clarkston fire station located 2 miles from the property. Any residential structure will require a 20' wide all weather access road to within 150' of the structure.

STAFF DETERMINATION

It is staff's determination that the BLT Subdivision, a 2-lot subdivision for property located at approximately 10800 North 7200 West, Clarkston, with TIN # 14-043-0002 is in conformance with the Cache County

Ordinance requirements for preliminary and final plat approval to the County Council. This determination is based on the following findings of fact:

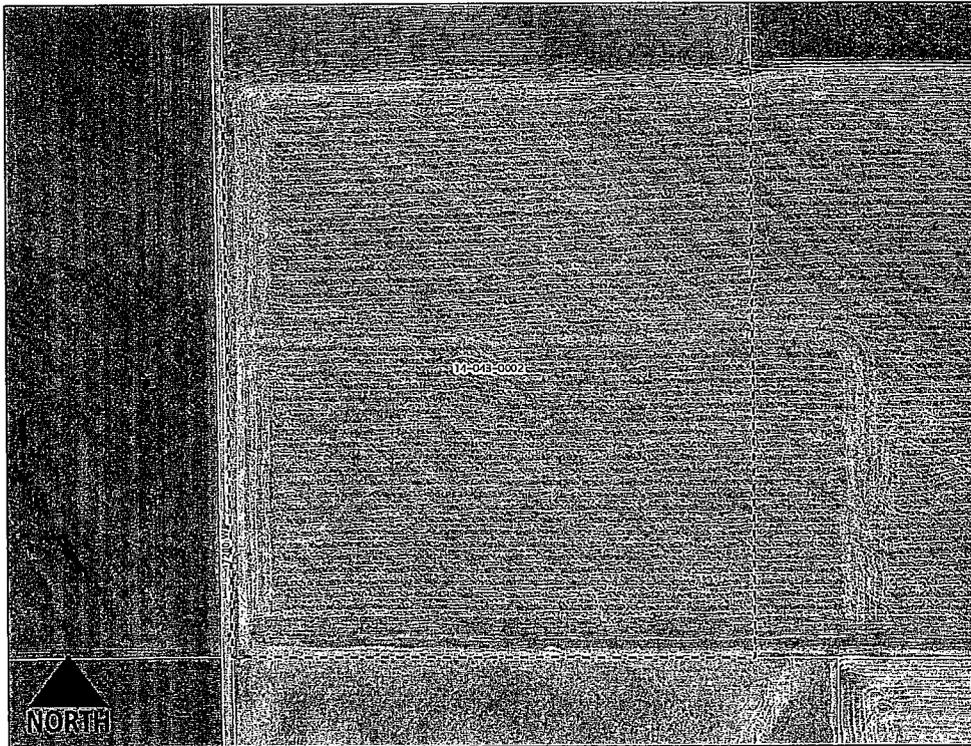
FINDINGS OF FACT

1. The BLT Subdivision has been revised and amended by the conditions of project approval to address the issues and concerns raised within the public and administrative records.
2. The BLT Subdivision has been revised and amended by the conditions of project approval to conform to the requirements of Titles 16 and 17 of the Cache County Code and the requirements of various departments and agencies.
3. The BLT Subdivision conforms to the preliminary and final plat requirements of §16.03.030 and §16.03.040 of the Cache County Subdivision Ordinance.
4. The BLT Subdivision is compatible with surrounding land uses and will not interfere with the use and enjoyment of adjoining or area properties.

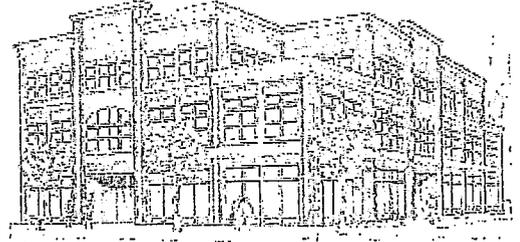
CONDITIONS OF APPROVAL

The following stipulations must be met for the developments to conform to the County Ordinance and the requirements of county service providers.

1. Prior to final plat recordation the proponent shall meet all applicable standards of the Cache County Ordinance.
2. Prior to final plat recordation adequate, approved, domestic water rights shall be in place for all building lots within the BLT Subdivision.
3. All lots shall provide sufficient shoulder space for the residential refuse and recycle containers to sit four feet apart and be out of the travel lane.
4. The driveway shall meet all applicable requirements of the 2009 International Fire Code and any other applicable codes as adopted by Cache County. Any residential structure will require a 20' wide all weather access road to within 150' of the structure and an approved turnaround shall be constructed at the end of the driveway.



CACHE COUNTY CORPORATION DEVELOPMENT SERVICES DEPARTMENT



JOSH RUNHAAR, AICP
DIRECTOR/
ZONING ADMINISTRATOR

PAUL BERTSON
CHIEF BUILDING
OFFICIAL

179 NORTH MAIN, SUITE 305 LOGAN, UTAH 84321 || (435)755-1630 || FAX (435)755-1987

APPLICATIONS ARE DUE BY 3:00 PM ON THE DAY OF THE DEADLINE
PLEASE ALLOW STAFF 20-30 MINUTES TO PROCESS THE APPLICATION
LATE APPLICATIONS WILL BE HELD FOR THE NEXT MEETING'S AGENDA
INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED

PROJECT APPLICATION

REVIEW AUTHORITY

- CACHE COUNTY COUNCIL
- CACHE PLANNING COMMISSION
- BENSON PLANNING COMMISSION
- BOARD OF ADJUSTMENTS
- ADMINISTRATIVE REVIEW

TYPE OF APPLICATION

- SUBDIVISION
- CONDITIONAL USE PERMIT
- ZONE CHANGE
- CODE AMENDMENT
- BOUNDARY LINE ADJUSTMENT

Date Received: <u>4-4-11</u>	Received By: <u>M. D. G.</u>	Receipt Number: <u>5680</u>	Amount/Check Number: <u>1100⁰⁰ / 608</u>
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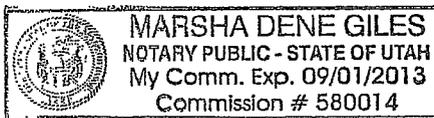
600⁰⁰ 500⁰⁰
Eng. dep.

PROJECT INFORMATION	AGENT/OWNER INFORMATION
REQUEST TYPE <u>2 lot Subdivision</u>	AGENT NAME <u>Brandon Thomas</u>
PROJECT NAME <u>BLT Subdivision</u>	ADDRESS <u>127 1/2 No Main</u>
PROJECT ADDRESS <u>10800 North 7200 West</u> <u>Clarkston, UT 84305</u>	<u>PO Box 291 Clarkston, UT 84305</u>
SERIAL NUMBER(S) <u>14-043-0002</u>	TELEPHONE (DAY) <u>(435) 770-6222</u> (CELL) <u>(435) 770-6323</u>
ZONE <u>Ag</u>	OWNER NAME <u>J. Norman Ravsten</u>
PROJECT LOCATION <u>East of Clarkston</u>	ADDRESS <u>508 East Center</u>
	<u>PO Box 93 Clarkston, UT 84305</u>
	TELEPHONE (DAY) <u>(435) 563-6222</u> (CELL) <u>(435) 770-4728</u>

State of Utah)
County of Cache) §

On this 4 day of April, 2011, personally appeared before me, BRANDON THOMAS, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this instrument, and acknowledged that they executed the same.

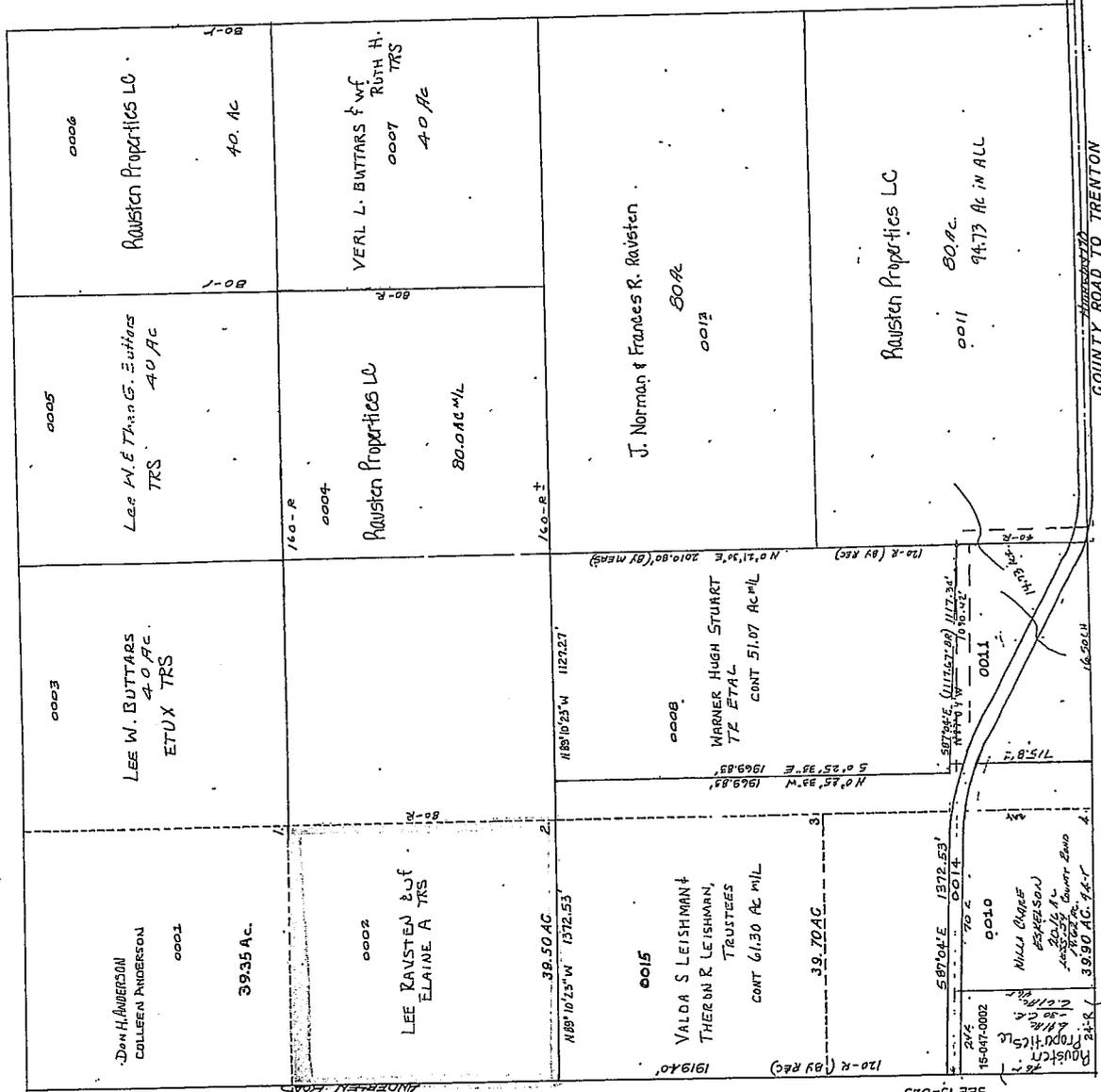
Signed Brandon L. Thomas
(Property Owner or Agent)



Marsha Dene Giles
Notary Public

SECTION 30, TOWNSHIP 14 NORTH, RANGE 1 WEST
SCALE 1 INCH = 6 CHAINS.

SEE 14-026



SEE 15-025

SEE 14-042

SEE 14-044

COUNTY ROAD TO TRENTON

1 **County Planning Commission (CCPC)**

2
3 Minutes for 5 May, 2011

4
5 **Present:** Josh Runhaar, Chris Harrild, Chris Sands, David Erickson, Clair Ellis, Leslie Larson, Jon White,
6 Denise Ciebien, Megan Izatt

7
8 **Start Time: 5:31:00** (Video time not shown on DVD)

9
10 **Ellis** welcomed and **Runhaar** gave opening remarks.

11
12 **5:34:00**

13
14 **Agenda**

15
16 *Agenda approved with the deletion of items 7 and 9.*

17
18 **5:35:00**

19
20 **Minutes**

21
22 *April 7, 2011 – passed.*

23
24 *April 19, 2011 – passed*

25
26 **5:38:00**

27
28 **Consent Agenda**

29
30 **#1 BLT Subdivision**

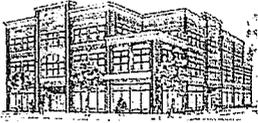
31
32 **#2 Kelly Spackman Subdivision Amendment and Boundary Line Adjustment**

33
34 *Larson motioned to recommend approval for the consent with the stated conditions; Erickson seconded*

35
36 *Larson motioned to suspend the previous motion for public comments.*

37
38 **Mr. Ross Olsen** I am representing the Thane's who own property to the south of this piece of property.
39 We wish to make our opposition known regarding any more development on 2400 west. We have a
40 borrow pit and waste system out there that is atrocious, using your engineer's language. When we built
41 out there 5 years ago, the Planning Commission made us put a culvert in and would not approve our
42 permits until that culvert was inspected by the fire department, road crew, and building inspector. Dr.
43 Thane and I met with Don Linton and Mr. Zollinger two weeks ago. I've got 11 sump pumps that I use to
44 pump water out of that borrow pit to keep it off my property. It is a mess out there and the Planning
45 Commission needs to seriously look at the problems before they consider doing more permits out there.

46
47 **Runhaar** the county is still working on what to do with this. It isn't just the borrow pit; this area has an
48 extremely high water table. If you look at the conditions, at #4 we are essentially requiring them to build
49 like they lived in a flood plain. Mr. Zollinger is looking at the borrow pit situation and there is no
50 indication that adding more homes here would worsen the situation. We are trying to resolve how that



**CACHE COUNTY CORPORATION
DEVELOPMENT SERVICES DEPARTMENT**

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DIRECTOR / ZONING ADMINISTRATOR
PAUL BERNTSON
CHIEF BUILDING OFFICIAL

179 NORTH MAIN, SUITE 305 LOGAN, UTAH 84321 ♦ (435)755-1640 ♦ FAX (435)755-1987

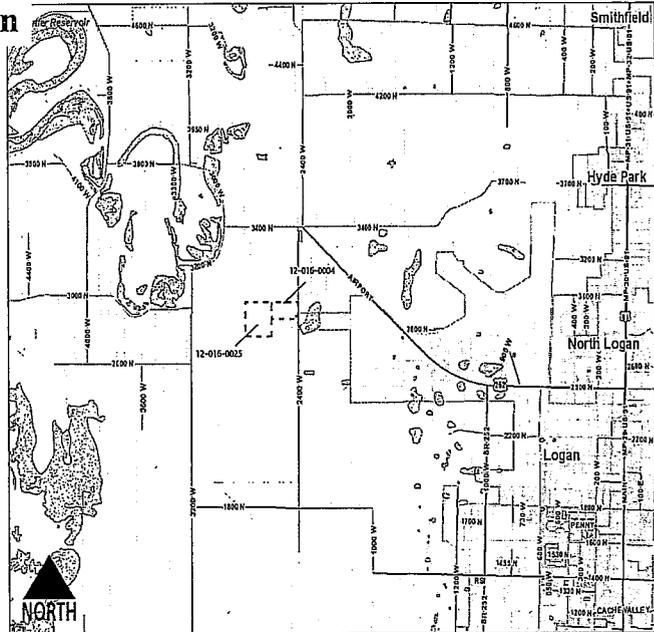
Project Name: **Kelly Spackman Subdivision
Amendment and Boundary
Line Adjustment**

Agent: Floyd Naegle
Request: Subdivision Amendment and BLA
Tax ID: 12-016-0004, 12-016-0025
Current Zoning: Agricultural (A-10)
Project Address: 3007 North 2400 West
Benson, Utah 84335

Surrounding Uses: North – Agricultural/Residential
South – Agricultural/Residential
East – Agricultural
West – Agricultural

Type of Action: Recommendation to County Council
Staff Advisement: Approval with conditions

Reviewed by: Christopher S. Harrild, Planner I



PURPOSE

To recommend approval of the preliminary and final plat for the Kelly Spackman Subdivision Amendment and Boundary Line Adjustment to the Cache County Council.

PROJECT SUMMARY

The proposal is to create a 3-lot subdivision, 3 buildable lots and one agricultural parcel not eligible for development, located at 3007 North 2400 West; Benson, in the Agricultural Zone on 32.5 acres of property. The existing subdivision contains one home and one agricultural parcel. The request for a subdivision amendment and boundary line adjustment will add acreage to meet the density requirement in the Agricultural Zone of 1 unit per 10 acres in order to add an additional two building lots.

This proposal is located in an area prone to flooding due to a shallow water table. Homes built in this area must have a finished floor elevation one foot above the established grade of County Road 2400 West. The driveway or access to these homes must be to the same grade as County Road 2400 West. A culvert may be required at the point of access to the proposed parcels dependent on review by the Cache County Engineer.

Access:

- Access to these properties from County Road 2400 West is adequate. Along the property frontage, county road 2400 West is a 24' wide paved surface.
- The existing driveway for the existing home on Lot #3 is adequate.

Water & Septic:

- The Benson Culinary Water Improvement District has confirmed that two new connections to Lot #1 and Lot #2 will be allowed.
- There is an existing septic system on Lot #3 and the proposed Lot #1 and Lot #2 are feasible for an on-site septic tank system. A septic permit is required prior to installation of a septic system.

Service Provision:

- All refuse and recycling containers shall be placed along the side of 2400 West for Monday collection. The residents shall provide sufficient shoulder space for the residential refuse and recycle containers to sit four feet apart and be out of the travel lane.

- A school bus stop is located at 3400 North 2400 West, approximately 4 blocks from the proposed subdivision.
- There is an existing fire hydrant within 500 feet of this property.

STAFF DETERMINATION

It is staff's determination that the Kelly Spackman Subdivision Amendment and Boundary Line Adjustment, a 4-lot subdivision for property located at approximately 3007 North 2400 West with TIN #'s 12-016-0004, 12-016-0025 is in conformance with the Cache County Ordinance requirements for preliminary and final plat approval to the County Council. This determination is based on the following findings of fact:

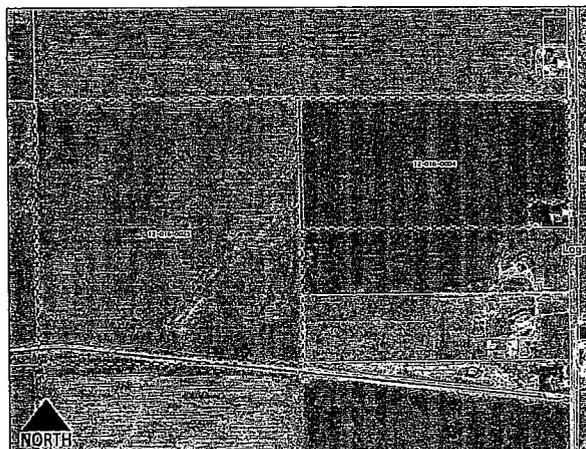
FINDINGS OF FACT

1. The Kelly Spackman Subdivision Amendment and Boundary Line Adjustment has been revised and amended by the conditions of project approval to address the issues and concerns raised within the public and administrative records.
2. The Kelly Spackman Subdivision Amendment and Boundary Line Adjustment has been revised and amended by the conditions of project approval to conform to the requirements of Titles 16 and 17 of the Cache County Code and the requirements of various departments and agencies.
3. The Kelly Spackman Subdivision Amendment and Boundary Line Adjustment conforms to the preliminary and final plat requirements of §16.03.030 and §16.03.040 of the Cache County Subdivision Ordinance.
4. The Kelly Spackman Subdivision Amendment and Boundary Line Adjustment is compatible with surrounding land uses and will not interfere with the use and enjoyment of adjoining or area properties.

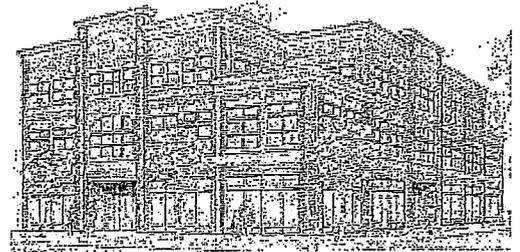
CONDITIONS OF APPROVAL

The following conditions must be met for the developments to conform to the County Ordinance and the requirements of county service providers.

1. Prior to final plat recordation the proponent shall meet all applicable standards of the Cache County Ordinance.
2. Prior to final plat recordation adequate, approved, domestic water rights shall be in place for all building lots within the Kelly Spackman Subdivision Amendment and Boundary Line Adjustment.
3. All lots shall provide sufficient shoulder space for the residential refuse and recycle containers to sit four feet apart and be out of the travel lane.
4. Homes built in this area must have a finished floor elevation one foot above the established grade of County Road 2400 West. The driveway or access to these homes must be to the same grade as County Road 2400 West.
5. A minimum 18" culvert shall be constructed for the access to this property. The existing barrow ditch must retain its existing functionality on completion of said access.
6. The driveway shall meet all applicable requirements of the 2009 International Fire Code and any other applicable codes as adopted by Cache County. Any residential structure shall require a 20' wide all weather surface access to within 150' of the structure. An approved turnaround shall be constructed at the end of said access.



CACHE COUNTY CORPORATION DEVELOPMENT SERVICES DEPARTMENT



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ZONING ADMINISTRATOR

PAUL BERTSON
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PROJECT APPLICATION

REVIEW AUTHORITY

- CACHE COUNTY COUNCIL
- CACHE PLANNING COMMISSION
- BENSON PLANNING COMMISSION
- BOARD OF ADJUSTMENTS
- ADMINISTRATIVE REVIEW

TYPE OF APPLICATION

- SUBDIVISION
- CONDITIONAL USE PERMIT
- ZONE CHANGE
- CODE AMENDMENT
- BOUNDARY LINE ADJUSTMENT

Date Received: <u>3-28-11</u>	Received By: <u>CH</u>	Receipt Number: <u>5665</u>	Amount/Check Number: <u>1100.⁰⁰/1429</u>
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600.⁰⁰
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Def

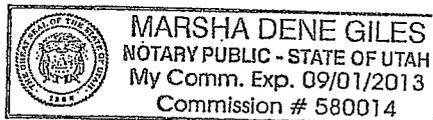
PROJECT INFORMATION	AGENT/OWNER INFORMATION
REQUEST TYPE <u>Boundary line adjust/subdivision</u>	AGENT NAME <u>Floyd C Naegle</u>
PROJECT NAME <u>Holly Spackman subdivision amendment</u>	ADDRESS <u>3044 W 3200 N BENSON</u>
PROJECT ADDRESS <u>3007 N 2400 W</u>	<u>Utah 84335</u>
<u>Benson Utah 84335</u>	TELEPHONE (DAY) <u>707-2290</u> (CELL) <u>764-4056</u>
SERIAL NUMBER(S) <u>12-016-0004</u>	OWNER NAME <u>Rick/Wendy Reese & Wayne Reese</u>
<u>-0025</u>	ADDRESS <u>3950 N 2400 W BENSON</u>
ZONE _____	<u>Utah 84335</u>
PROJECT LOCATION <u>3007 N 2400 W BENSON</u>	TELEPHONE (DAY) <u>752 5849</u> (CELL) <u>994-0353</u>
<u>Utah 84335</u>	

State of Utah)

County of Cache)

On this 28 day of MARCH, 2011, personally appeared before me, Floyd C. Naegle, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this instrument, and acknowledged that they executed the same.

Signed Floyd C. Naegle
(Property Owner or Agent)



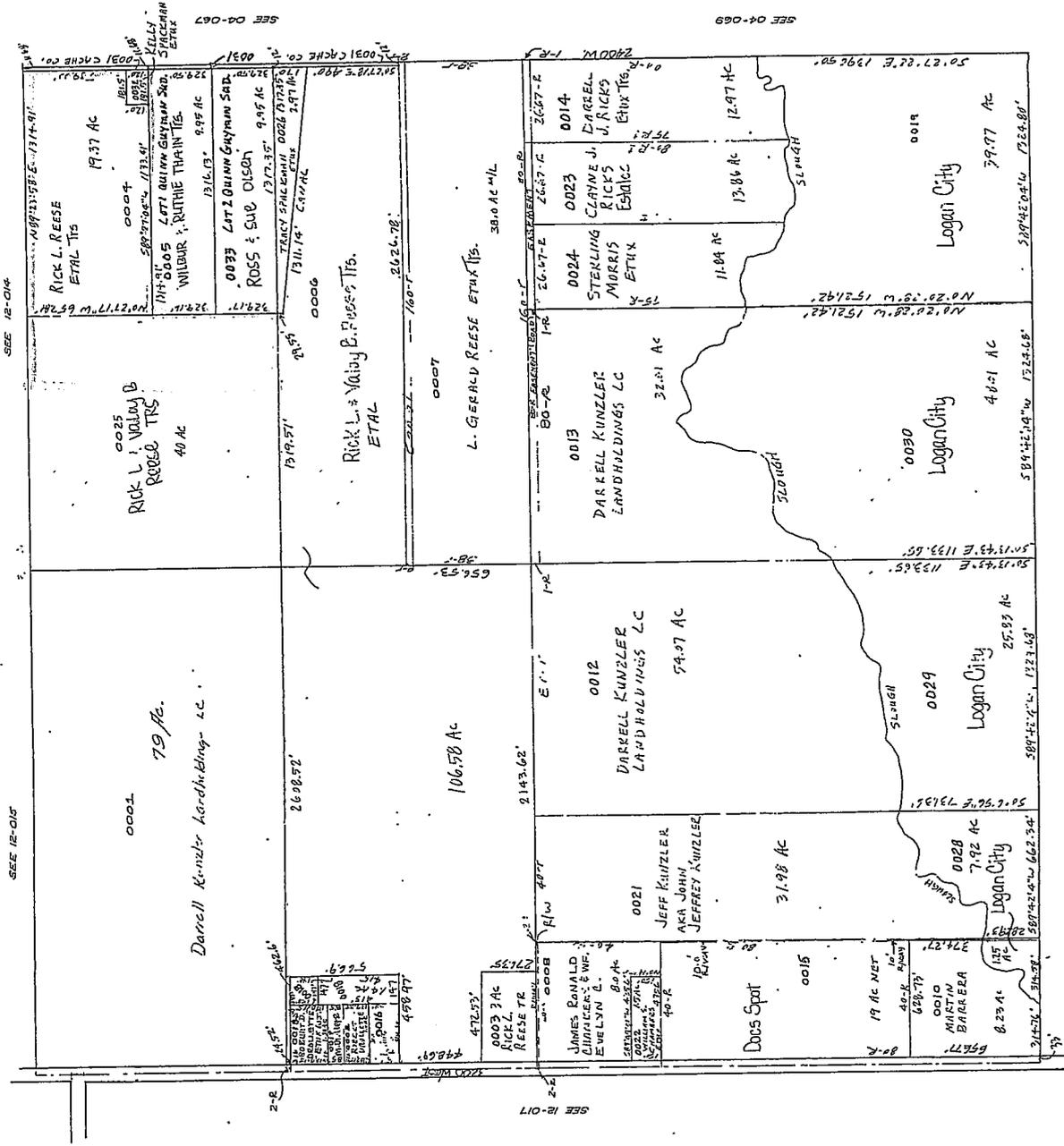
Marsha Dene Giles
Notary Public

✂ email staff eval. to Floyd. ✂ email flow chart of process.

SECTION 13, TOWNSHIP 12 NORTH, RANGE 1 WEST.

SCALE 1 INCH = 6 CHAINS.

TAX UNIT 28



12-015

SEE 12-017

SEE 12-018

SEE 04-067

SEE 12-017

SEE 04-068

SEE 12-028

SURVEY CERTIFICATE

1. I, SKYLINE SURVEYING, INC., DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND THAT I AM THE REGISTERED SURVEYOR OF THIS SURVEY. I HAVE PERSONALLY CONDUCTED THE SURVEY AND I HAVE BEEN ASSISTED BY THE FOLLOWING ASSISTANTS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR. I HAVE BEEN ASSISTED BY THE FOLLOWING INSTRUMENTAL SURVEYING TECHNICIANS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR. I HAVE BEEN ASSISTED BY THE FOLLOWING INSTRUMENTAL SURVEYING TECHNICIANS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR.

2. THE SURVEY WAS MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I HAVE BEEN ASSISTED BY THE FOLLOWING ASSISTANTS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR. I HAVE BEEN ASSISTED BY THE FOLLOWING INSTRUMENTAL SURVEYING TECHNICIANS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR.

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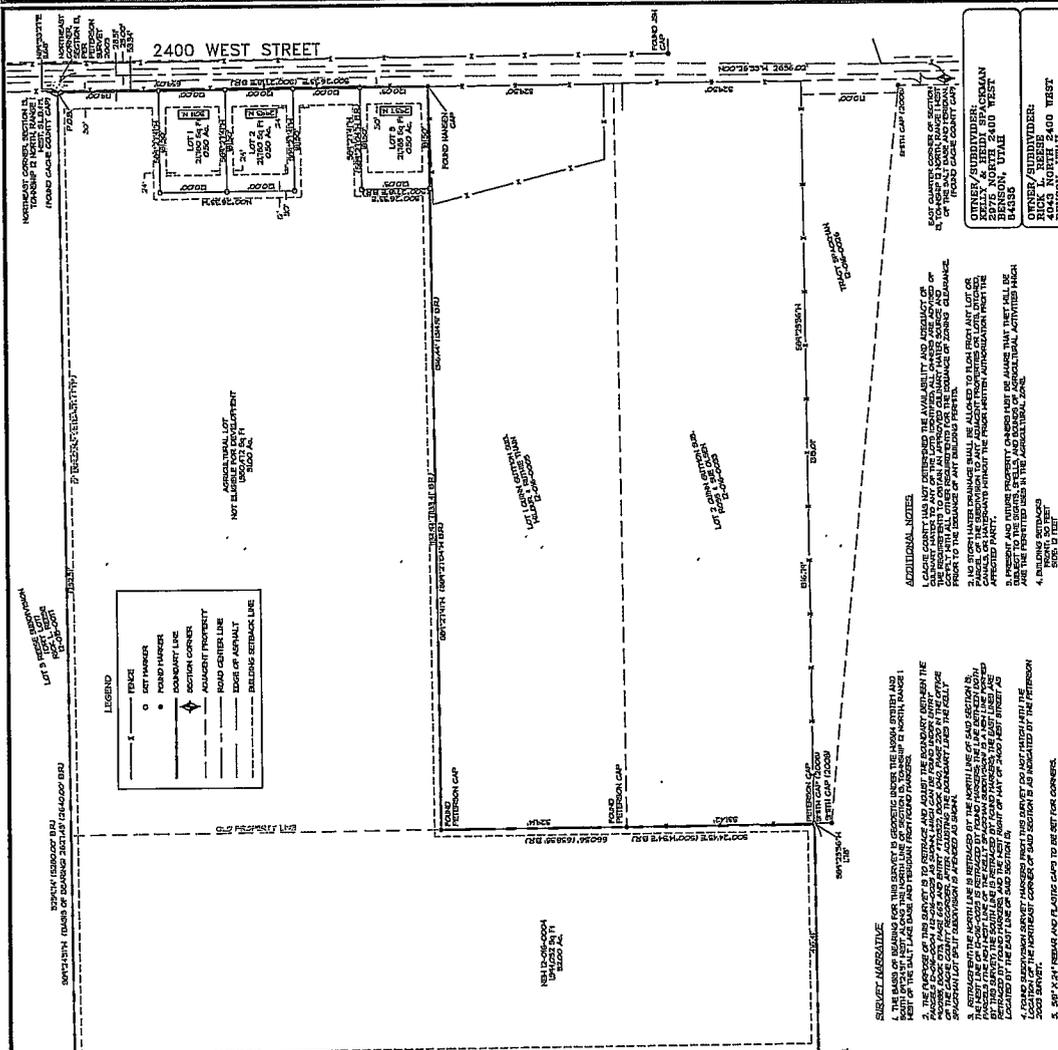
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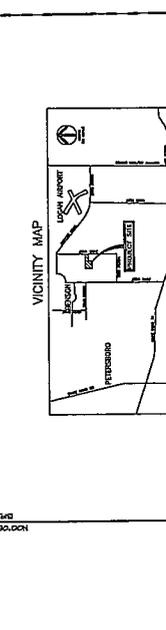
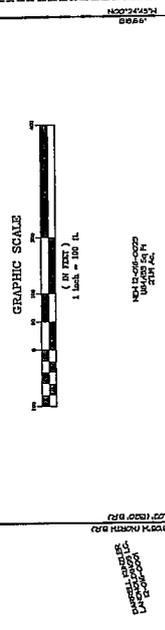
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KELLY SPACKMAN
SUBDIVISION AMENDED
& BOUNDARY LINE ADJUSTMENT.
 PART OF THE NORTHEAST QUARTER
 OF SECTION 13, TOWNSHIP 12 NORTH,
 RANGE 1 WEST,
 SALT LAKE BASE & MERIDIAN
 CONTAINING 32.50 ACRES +/-



LEGEND
 - - - - - FENCE
 ○ SET MARKER
 ● CORNER
 - - - - - BOUNDARY LINE
 - - - - - ADJACENT PROPERTY
 - - - - - ROAD COMPLETION
 - - - - - EDGE OF ASPHALT
 - - - - - BELIEVED BOUNDARY LINE

ADDITIONAL NOTES
 1. LOCUS COUNTY HAS NOT ENTERED THE AVAILABILITY AND LIQUIDITY OF THE SURVEY AND HAS NOT BEEN APPROVED BY THE BOARD OF COUNTY COMMISSIONERS. THE SURVEY IS SUBJECT TO THE AVAILABILITY AND LIQUIDITY OF THE SURVEY AS DETERMINED BY THE BOARD OF COUNTY COMMISSIONERS.
 2. AS STATED IN THE INSTRUMENT, THE SURVEY IS SUBJECT TO THE AVAILABILITY AND LIQUIDITY OF THE SURVEY AS DETERMINED BY THE BOARD OF COUNTY COMMISSIONERS.
 3. THE SURVEY IS SUBJECT TO THE AVAILABILITY AND LIQUIDITY OF THE SURVEY AS DETERMINED BY THE BOARD OF COUNTY COMMISSIONERS.
 4. BUILDING SETBACKS: FRONT 10 FEET, SIDE 5 FEET, REAR 5 FEET.

OWNER'S DECLARATION
 I, KELLY SPACKMAN, DO HEREBY CERTIFY THAT I AM THE OWNER OF THE SURVEY AND I HAVE BEEN ASSISTED BY THE FOLLOWING ASSISTANTS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR. I HAVE BEEN ASSISTED BY THE FOLLOWING INSTRUMENTAL SURVEYING TECHNICIANS: DAVID L. HARRIS, JR., JOHN W. HARRIS, JR., AND JAMES W. HARRIS, JR.

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SKYLINE SURVEYING, INC.
 1420 LAMAR, NORTH AVENUE
 SUITE 100, DENVER, COLORADO 80202
 PHONE: (303) 733-1111
 FAX: (303) 733-1112
 WWW: SKYLINE-SURVEYING.COM

1 County Planning Commission (CCPC)

2
3 Minutes for 5 May, 2011

4
5 **Present:** Josh Runhaar, Chris Harrild, Chris Sands, David Erickson, Clair Ellis, Leslie Larson, Jon White,
6 Denise Ciebien, Megan Izatt

7
8 **Start Time: 5:31:00** (Video time not shown on DVD)

9
10 Ellis welcomed and **Runhaar** gave opening remarks.

11
12 **5:34:00**

13
14 Agenda

15
16 *Agenda approved with the deletion of items 7 and 9.*

17
18 **5:35:00**

19
20 Minutes

21
22 *April 7, 2011 – passed.*

23
24 *April 19, 2011 – passed*

25
26 **5:38:00**

27
28 Consent Agenda

29
30 #1 BLT Subdivision

31
32 #2 Kelly Spackman Subdivision Amendment and Boundary Line Adjustment

33
34 *Larson motioned to recommend approval for the consent with the stated conditions; Erickson seconded*

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36 *Larson motioned to suspend the previous motion for public comments.*

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38 **Mr. Ross Olsen** I am representing the Thane's who own property to the south of this piece of property.
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47 **Runhaar** the county is still working on what to do with this. It isn't just the borrow pit; this area has an
48 extremely high water table. If you look at the conditions, at #4 we are essentially requiring them to build
49 like they lived in a flood plain. Mr. Zollinger is looking at the borrow pit situation and there is no
50 indication that adding more homes here would worsen the situation. We are trying to resolve how that

1 road way drains and even if that is resolved you are still going to have homes that will get water due to
2 the high water table.
3

4 **Mr. Olsen** Mr. Zollinger did bring us some information about that. It is a high water table area and we
5 knew that. The problem we have is the Benson canal comes down Airport Road and intersects that road.
6 There used to be a culvert on the east end where the canal crosses the road that allowed water to go back
7 into the Swiss slue. Both the canal and the slue cross within 75 feet of each other. The borrow pits
8 haven't been maintained and we've been told it isn't the county's job. It is the right of way so I can't do
9 anything about it either. Now there is little dam's all the way down. All of that water, flows southwest
10 and it ponds all the way up 2400; you get enough head pressure that the water comes right through the
11 road and I pump water 3 times a day. The people that are trying to put this subdivision, I doubt they get a
12 septic test this year due to the high water.
13

14 **Ellis** it sounds like there are two issues: whether the parcel is appropriate for home building, and whether
15 the water can be resolved.
16

17 **Runhaar** the problem is a water issue. The entire area has a drainage problem, however, I can't use a
18 subdivision in the middle of this to fix a regional problem. We are working on the water issue as a
19 County. On whether or not the lots are suitable for building; with the recommendations that we are
20 requiring they are.
21

22 **Ellis** would the building of two more homes affect the neighbors?
23

24 **Runhaar** I don't see that they will. This is ground water and I don't see building homes here would
25 displace water. While I understand all the problems being raised, I can't see that these homes will impact the
26 ground water.
27

28 **Sands** our road engineer isn't here, but I imagine if he were, he would say that the borrows aren't
29 intended to convey water but water does collect there
30

31 **Runhaar** we've got a road that has a lot of water on it but we can't build borrow ditches to convey all
32 that water. We looked at Maughan's Corner and the water is draining the way it was intended.
33

34 **Larson** we do require culverts?
35

36 **Mr. Olsen** no you do not.
37

38 **Runhaar** in reviewing what has happened on this road over the last decade, culverts have not been
39 required for single family homes that have been built and we are trying to fix that situation. This
40 subdivision will be required to have culverts.
41

42 **Mr. Olsen** when we built our home, we were required to but an 18 inch culvert on a 30 foot driveway.
43 Two other homes have come in and they were not required to have a culvert. The homes aren't going to
44 hurt. The borrow system was existing and it hasn't been maintained. Somebody has to get their ducks in
45 a row so that we can fix this.
46

47 **Mr. Floyd C. Naegle** I am the applicant and currently live in Benson and we are aware of the situation
48 with the water in this area. We are asking that we not be used as leverage beyond the scope of our
49 project. We are looking at building two homes here and will meet the requirements that they Planning
50 Commission requires. We are willing to put the culverts in and we are willing to meet and continue to
51 meet everything that the Planning Commission requires. I haven't dug an official test hole, but I have dug

1 a hole and it drained adequately. I see no bearing that building two more homes there is going to cause
2 any more issues with ground water and are willing to get and comply with the septic permits that we will
3 be required to get. I don't want this to turn into an emotional issue and over homes that were developed.
4 I don't want us to be used to fix a much bigger problem. Putting in those culverts will probably make it
5 better and will certainly not make the problem worse.
6

7 **Larson** condition #5 is the culvert and #6 is compliance with the fire code for the driveway?
8

9 **Harrild** yes.
10

11 **Larson** I understand water problems, but I don't find anything compelling to deny this due to the water.
12

13 *Larson renewed motion for approval of the consent agenda items with the stated conditions and findings*
14 *of facts as stated; Erickson seconded; Passed 4, 0.*
15

16 **6:04:00**
17

18 **Planning Commission** and staff discussed who maintains borrow pits. Borrow pits are supposed to be
19 used to maintain drainage coming off the road and not the land around it.
20

21 **6:06:00**
22

23 **#3 DD Auto & Salvage (David Grange)**
24

25 **Harrild** reviewed Mr. David Grange's request for recommendation of approval to the County Council for
26 a Conditional Use Permit (CUP) defined as Urban Development, to allow the expansion of an existing
27 CUP including construction of additional buildings, fencing, storm drainage system, and truck scale
28 located partially in the Industrial Manufacturing and Commercial Zones at approximately 1976 West 200
29 North, west of Logan; continued from the Feb. 3, 2011 meeting. We are requesting a continuance for up
30 to 90 days as the applicant is still gathering documentation together for the boundary line adjustment,
31 traffic impact, and wetlands delineation.
32

33 **Sands** does the boundary line adjustment involve property along the highway?
34

35 **Harrild** Yes.
36

37 **Sands** there was one parcel that Mr. Grange said wasn't involved, but he currently has a sign on it. Is it
38 part of the project or not?
39

40 **Mr. David Grange** yes it is. The thing with the multiple parcels, the previous owner bought property an
41 acre or two at a time and it wasn't legal to develop those pieces and we are trying to get all that legal. I
42 know this has to go to the County Council, is there any reason why this needs to stay at the Planning
43 Commission level?
44

45 **Harrild** it is urban development but I believe the Council has asked for this body's recommendation.
46

47 **Sands** so far the packet has been incomplete so far so we haven't been able to weigh in.
48

49 **Mr. Grange** does it need to come to this body where the Council has the final say?
50

51 **Ellis** it really does because the Council relies on us.

**CACHE COUNTY, UTAH
ORDINANCE NO. 2011-04**

ZONING ORDINANCE AMENDMENTS

Disclaimer: This is provided for informational purposes only. The formatting of this ordinance may vary from the official hard copy. In the case of any discrepancy between this ordinance and the official hard copy, the official hard copy will prevail.

**AN ORDINANCE AMENDING AND SUPERSEDING CHAPTERS 4, 12, 16, AND 20 OF
TITLE 15 OF THE CACHE COUNTY CODE REGARDING CACHE COUNTY'S
BUILDING CODE AND CONSTRUCTION STANDARDS**

WHEREAS, the State of Utah has authorized Cache County to adopt Land Use Ordinances and Maps; and

WHEREAS, the purpose of this ordinance is to provide fair, consistent, and equitable land use regulations for all land owners; and

WHEREAS, the purpose of this ordinance is to provide clarity and ease of use of the County's Zoning Ordinance for all citizens; and

WHEREAS, the County Council caused notice of the hearing and the amendments to Title 15 of the Cache County Code to be advertised at least ten (10) days before the date of the public hearing in *The Herald Journal*, a newspaper of general circulation in Cache County; and

WHEREAS, on May 10th, 2011, at 5:30 P.M., the County Council held a public hearing to consider any comments regarding the proposed amendments to Title 15 of the Cache County Code. The County Council accepted all comments; and

WHEREAS, the Cache County Council has determined that it is both necessary and appropriate for the County to amend and implement these ordinances.

NOW, THEREFORE, the County Legislative Body of Cache County ordains as follows:

1. Statutory Authority.

The statutory authority for enacting this ordinance is Utah Code Annotated Sections 17-27a Part 1 and Part 3, and 17-53 Part 2 (1953, as amended to date).

2. Purpose of Provisions.

The purpose of this ordinance is to amend and supersede Chapters 4, 12, 16, and 20 of Title 15 of the Cache County Code regarding Cache County's Building Code and Construction Standards is to insure the protection, preservation and promotion of the public interest, health, safety, convenience, comfort, prosperity and general welfare.

3. Findings

- A. The amendments to Title 15 of the Cache County Code are in conformity with Utah Code Annotated, §15a-1-204 and 17-53 Part 2 (1953, as amended), which requires compliance with standards set forth in an applicable ordinance.
- B. The amendments to Title 15 of the Cache County Code are necessary to establish current Building Code and Construction Standards.
- C. The amendments to Title 15 of the Cache County Code will insure the protection, preservation and promotion of the public interest, health, safety, convenience, comfort, prosperity and general welfare.
- D. It is in the interest of the public and the citizens of Cache County that the proposed amendments to Title 15 of the Cache County Code be approved.

4. Title 15, Chapter 4 of the Cache County Code is amended to read as follows:

SEE EXHIBIT A

Title 15, Chapter 12 of the Cache County Code is amended as follows:

SEE EXHIBIT B

Title 15, Chapter 16 of the Cache County Code is amended as follows:

SEE EXHIBIT C

Title 15, Chapter 20 of the Cache County Code is amended to read as follows:

SEE EXHIBIT D

5. Prior Ordinances, Resolutions, Policies And Actions Superseded.

This ordinance amends and supersedes Chapter 4, 12, 16 and 20 of Title 15 of the Cache County Code, and all prior ordinances, resolutions, policies, and actions of the Cache County Council to the extent that the provisions of such prior ordinances, resolutions, policies, or actions are in conflict with this ordinance. In all other respects, such prior ordinances, resolutions, policies, and actions shall remain in full force and effect.

6. Effective Date.

This ordinance takes effect on June 4th, 2011. Following its passage but prior to the effective date, a copy of the Ordinance shall be deposited with the County Clerk and a short summary of the ordinance shall be published in a newspaper of general circulation within the County as required by law.

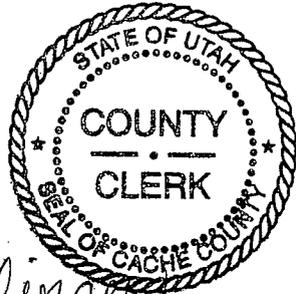
APPROVED AND ADOPTED this 24th day of May, 2011.

	In Favor	Against	Abstained	Absent
Potter	X			
Buttars				X
White	X			
Petersen	X			
Robison	X			
Yeates	X			
Zilles	X			
Total	6	0	0	1

CACHE COUNTY COUNCIL

Jon White

Jon White, Chair
Cache County Council



ATTEST:

Jill Zollinger

Jill Zollinger
Cache County Clerk

Publication Date: June 4, 2011

**CACHE COUNTY, UTAH
ORDINANCE NO. 2011-05**

ZONING ORDINANCE AMENDMENTS

Disclaimer: This is provided for informational purposes only. The formatting of this ordinance may vary from the official hard copy. In the case of any discrepancy between this ordinance and the official hard copy, the official hard copy will prevail.

**AN ORDINANCE AMENDING AND SUPERSEDING CHAPTERS 2, 7, 8, 9, AND 19 OF
TITLE 17 OF THE CACHE COUNTY CODE REGARDING CACHE COUNTY'S
PUBLIC INFRASTRUCTURE DEVELOPMENT STANDARDS**

WHEREAS, the State of Utah has authorized Cache County to adopt Land Use Ordinances and Maps; and

WHEREAS, the purpose of this ordinance is to provide fair, consistent, and equitable land use regulations for all land owners; and

WHEREAS, the purpose of this ordinance is to provide clarity and ease of use of the County's Zoning Ordinance for all citizens; and

WHEREAS, the County Council caused notice of the hearing and the amendments to Title 17 of the Cache County Code to be advertised at least ten (10) days before the date of the public hearing in *The Herald Journal*, a newspaper of general circulation in Cache County; and

WHEREAS, the amendments to Title 17 of the Cache County Code were submitted to the Cache County Planning Commission ("Planning Commission") and on April 7th, 2011, the Planning Commission recommended approval of the proposed changes to the County Council; and

WHEREAS, on May 10th, 2011, at 6:00 P.M., the County Council held a public hearing to consider any comments regarding the proposed amendments to Title 17 of the Cache County Code. The County Council accepted all comments; and

WHEREAS, the Cache County Council has determined that it is both necessary and appropriate for the County to amend and implement these ordinances.

NOW, THEREFORE, the County Legislative Body of Cache County ordains as follows:

1. Statutory Authority.

The statutory authority for enacting this ordinance is Utah Code Annotated Sections 17-27a Part 1 and Part 3, and 17-53 Part 2 (1953, as amended to date).

2. Purpose of Provisions.

The purpose of this ordinance is to amend and supersede Chapters 2, 7, 8, 9, and 19 of Title 17 of the Cache County Code regarding Cache County's public infrastructure development standards, to insure compatibility with surrounding land uses, conformity

with the Cache County General Plan, consistency with the characteristics and purposes stated for the zones, and protection, preservation and promotion of the public interest, health, safety, convenience, comfort, prosperity and general welfare.

3. Findings

- A. The amendments to Title 17 of the Cache County Code are in conformity with Utah Code Annotated, §17-27a Part 5 (1953, as amended), which requires compliance with standards set forth in an applicable ordinance.
- B. The amendments to Title 17 of the Cache County Code are necessary to establish public infrastructure development standards that provide more options for flexibility of land owners throughout the County.
- C. The amendments to Title 17 of the Cache County Code will insure compatibility with surrounding land uses, conformity with the Cache County General Plan, consistency with the characteristics and purposes stated for Zoning Districts, and protection, preservation and promotion of the public interest, health, safety, convenience, comfort, prosperity and general welfare.
- D. It is in the interest of the public and the citizens of Cache County that the proposed amendments to Title 17 of the Cache County Code be approved.

4. Title 17, Chapter 2 of the Cache County Code is amended to read as follows:

SEE EXHIBIT A

Title 17, Chapter 7 of the Cache County Code is amended as follows:

SEE EXHIBIT B

Title 17, Chapter 8 of the Cache County Code is amended as follows:

SEE EXHIBIT C

Title 17, Chapter 9 of the Cache County Code is amended to read as follows:

SEE EXHIBIT D

Title 17, Chapter 19 of the Cache County Code is amended to read as follows:

SEE EXHIBIT E

5. Prior Ordinances, Resolutions, Policies And Actions Superseded.

This ordinance amends and supersedes Chapter 2, 7, 8, 9, and 19 of Title 17 of the Cache County Code, and all prior ordinances, resolutions, policies, and actions of the Cache County Council to the extent that the provisions of such prior ordinances, resolutions, policies, or actions are in conflict with this ordinance. In all other respects, such prior ordinances, resolutions, policies, and actions shall remain in full force and effect.

6. Effective Date.

This ordinance takes effect on June 4th, 2011. Following its passage but prior to the effective date, a copy of the Ordinance shall be deposited with the County Clerk and a short summary of the ordinance shall be published in a newspaper of general circulation within the County as required by law.

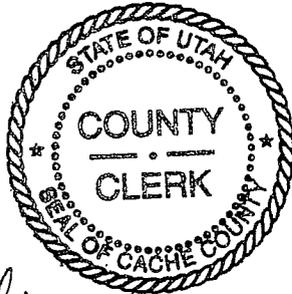
APPROVED AND ADOPTED this 24th day of May, 2011.

	In Favor	Against	Abstained	Absent
Potter	X			
Buttars				X
White	X			
Petersen	X			
Robison	X			
Yeates	X			
Zilles	X			
Total	6	0	0	1

CACHE COUNTY COUNCIL

Jon White

Jon White, Chair
Cache County Council



ATTEST:

Jill Zollinger

Jill Zollinger
Cache County Clerk

Publication Date: June 4, 2011

CACHE COUNTY, UTAH
ORDINANCE NO. 2011-06

REZONE – LINDLEY BASIN

Disclaimer: This is provided for informational purposes only. The formatting of this ordinance may vary from the official hard copy. In the case of any discrepancy between this ordinance and the official hard copy, the official hard copy will prevail.

AN ORDINANCE AMENDING THE CACHE COUNTY ZONING MAP

WHEREAS, the “County Land Use Development and Management Act,” Utah Code Ann. §17-27a-101 *et seq.*, as amended (the “Act”), provides that each municipality may enact a land use ordinance and a zoning map establishing regulations for land use and development; and

WHEREAS, pursuant to the Act, the County’s Planning Commission (the “Planning Commission”) shall prepare and recommend to the County’s legislative body, following a public meeting, a proposed land use ordinance and a zoning map, or amendments thereto, that represent the Planning Commission’s recommendations for zoning the area within the county; and

WHEREAS, the Act also provides certain procedures for the County’s legislative body to adopt or amend the land use ordinance and zoning map for the County; and

WHEREAS, the County Council caused notice of the hearing to be advertised at least ten (10) days before the date of the public hearing in *The Herald Journal*, a newspaper of general circulation in Cache County; and

WHEREAS, on April 7th 2011, the Planning Commission held a public meeting for a rezone from the Forest Recreation (FR-40) Zone to the Agricultural (A-10) Zone, which meeting was preceded by all required legal notice and at which time all interested parties were given the opportunity to provide written or oral comment concerning the proposed rezone; and

WHEREAS, on April 7th 2011, the Planning Commission recommended the approval of said rezone and forwarded such recommendation to the County Council for final action; and

WHEREAS, on May 10th, 2011, at 5:40 P.M., the County Council held a public hearing to consider any comments regarding the proposed amendments to Title 17 of the Cache County Code. The County Council accepted all comments; and

WHEREAS, after careful consideration of the recommendation of the Planning Commission, comments at the public hearing and other public meetings where such proposed rezone was discussed, and recommendation of County staff, the Council has determined that it is in the best interest of the health, safety and welfare of the citizens of Cache County to approve such rezone;

NOW, THEREFORE, the County Legislative Body of Cache County ordains as follows:

1. Statutory Authority.

The statutory authority for enacting this ordinance is Utah Code Annotated Sections 17-27a Part 1 and Part 3, and 17-53 Part 2 (1953, as amended to date).

2. Approval of Rezone.

The County Council hereby rezones 150.72 acres of lot # 10-055-0001, described within Exhibit A from Forest Recreation (FR-40) to Agricultural (A-10) Zone.

3. Adoption of Amended Zoning Map.

The County Council hereby amends the County's zoning map to reflect the rezone of the Property effected by this ordinance and hereby adopts the amended zoning map that is attached as Exhibit B, of which a detailed digital or paper copy is available in the Development Services Department.

4. Findings

- A. The location of the subject property is compatible with the purpose of the proposed Agricultural (A-10) Zoning District.
- B. The subject property is suitable for development within the Agricultural (A-10) Zoning District without increasing the need for variances or special exceptions within this zone.
- C. The subject property is suitable as a location for all permitted uses within the proposed Agricultural (A-10) Zoning District.
- D. The subject properties when used for the permitted uses in the Agricultural (A-10) Zoning District would be compatible with the adjoining land uses.

5. Severability.

All parts of this Ordinance are severable, and if any section, paragraph, clause or provision of this Ordinance shall, for any reason, be held to be invalid or unenforceable, the invalidity or unenforceability of any such section, paragraph, clause or provision shall not affect the remaining sections, paragraphs, clauses or provisions of this Ordinance.

6. Prior Ordinances, Resolutions, Policies and Actions Superseded.

This Ordinance amends and supersedes the Zoning Map of Cache County, and all prior ordinances, resolutions, policies, and actions of the Cache County Council to the extent that the provisions of such prior ordinances, resolutions, policies, or actions are in conflict with this Ordinance. In all other respects, such prior ordinances, resolutions, policies, and actions shall remain in full force and effect.

7. Exhibits.

Exhibit A: Affected portion of lot # 10-055-0001 of the Lindley Basin rezone.

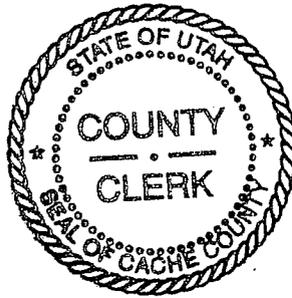
Exhibit B: Zoning Map of Cache County

8. Effective Date.

This ordinance takes effect on June 4th, 2011. Following its passage but prior to the effective date, a copy of the Ordinance shall be deposited with the County Clerk and a short summary of the ordinance shall be published in a newspaper of general circulation within the County as required by law.

APPROVED AND ADOPTED this 24th day of May, 2011.

	In Favor	Against	Abstained	Absent
Potter	X			
Buttars				X
White	X			
Petersen	X			
Robison	X			
Yeates	X			
Zilles	X			
Total	6	0	0	1



CACHE COUNTY COUNCIL

Jon White

Jon White, Chair
Cache County Council

ATTEST:

Jill Zollinger

Jill Zollinger
Cache County Clerk

Publication Date: June 4, 2011

**CACHE COUNTY, UTAH
ORDINANCE NO. 2011-07**

REZONE – EDGE EXCAVATION

Disclaimer: This is provided for informational purposes only. The formatting of this ordinance may vary from the official hard copy. In the case of any discrepancy between this ordinance and the official hard copy, the official hard copy will prevail.

AN ORDINANCE AMENDING THE CACHE COUNTY ZONING MAP

WHEREAS, the “County Land Use Development and Management Act,” Utah Code Ann. §17-27a-101 *et seq.*, as amended (the “Act”), provides that each municipality may enact a land use ordinance and a zoning map establishing regulations for land use and development; and

WHEREAS, pursuant to the Act, the County’s Planning Commission (the “Planning Commission”) shall prepare and recommend to the County’s legislative body, following a public meeting, a proposed land use ordinance and a zoning map, or amendments thereto, that represent the Planning Commission’s recommendations for zoning the area within the county; and

WHEREAS, the Act also provides certain procedures for the County’s legislative body to adopt or amend the land use ordinance and zoning map for the County; and

WHEREAS, the County Council caused notice of the hearing to be advertised at least ten (10) days before the date of the public hearing in *The Herald Journal*, a newspaper of general circulation in Cache County; and

WHEREAS, on April 7th 2011, the Planning Commission held a public meeting for a rezone from the Agricultural (A-10) Zone to the Industrial Manufacturing (IM) Zone, which meeting was preceded by all required legal notice and at which time all interested parties were given the opportunity to provide written or oral comment concerning the proposed rezone; and

WHEREAS, on April 7th 2010, the Planning Commission recommended the approval of said rezone and forwarded such recommendation to the County Council for final action; and

WHEREAS, on May 10th, 2011, at 5:50 P.M., the County Council held a public hearing to consider any comments regarding the proposed amendments to Title 17 of the Cache County Code. The County Council accepted all comments; and

WHEREAS, after careful consideration of the recommendation of the Planning Commission, comments at the public hearing and other public meetings where such proposed rezone was discussed, and recommendation of County staff, the Council has determined that it is in the best interest of the health, safety and welfare of the citizens of Cache County to approve such rezone;

NOW, THEREFORE, the County Legislative Body of Cache County ordains as follows:

1. Statutory Authority.

The statutory authority for enacting this ordinance is Utah Code Annotated Sections 17-27a Part 1 and Part 3, and 17-53 Part 2 (1953, as amended to date).

2. Approval of Rezone.

The County Council hereby rezones Lot # 04-076-0001 described within Exhibit A from the Agricultural (A-10) Zone to the Industrial Manufacturing (IM) Zone.

3. Adoption of Amended Zoning Map.

The County Council hereby amends the County's zoning map to reflect the rezone of the Property effected by this ordinance and hereby adopts the amended zoning map that is attached as Exhibit B, of which a detailed digital or paper copy is available in the Development Services Department.

4. Findings

- A. The location of the subject property is compatible with the purpose of the proposed Industrial Manufacturing (IM) Zoning District.
- B. The subject property is suitable for development within the proposed Industrial Manufacturing (IM) Zoning District without increasing the need for variances or special exceptions within this zone.
- C. The subject property is suitable as a location for all permitted uses within the proposed Industrial Manufacturing (IM) Zoning District.
- D. The subject property when used for the permitted uses in the Industrial Manufacturing (IM) Zoning District would be compatible with the adjoining land uses.

5. Severability.

All parts of this ordinance are severable, and if any section, paragraph, clause or provision of this Ordinance shall, for any reason, be held to be invalid or unenforceable, the invalidity or unenforceability of any such section, paragraph, clause or provision shall not affect the remaining sections, paragraphs, clauses or provisions of this Ordinance.

6. Prior Ordinances, Resolutions, Policies and Actions Superseded.

This ordinance amends and supersedes the Zoning Map of Cache County, and all prior ordinances, resolutions, policies, and actions of the Cache County Council to the extent that the provisions of such prior ordinances, resolutions, policies, or actions are in conflict with this ordinance. In all other respects, such prior ordinances, resolutions, policies, and actions shall remain in full force and effect.

7. Exhibits.

Exhibit A: Affected lot of the Edge Excavation rezone: 04-076-0001

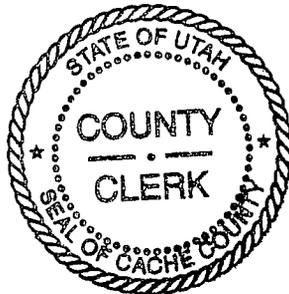
Exhibit B: Zoning Map of Cache County

8. Effective Date.

This ordinance takes effect on June 4th, 2011. Following its passage but prior to the effective date, a copy of the Ordinance shall be deposited with the County Clerk and a short summary of the ordinance shall be published in a newspaper of general circulation within the County as required by law.

APPROVED AND ADOPTED this 24th day of May, 2011.

	In Favor	Against	Abstained	Absent
Potter	X			
Buttars				X
White	X			
Petersen	X			
Robison	X			
Yeates	X			
Zilles	X			
Total	6	0	0	1



CACHE COUNTY COUNCIL

Jon White

Jon White, Chair
Cache County Council

ATTEST:

Jill Zollinger

Jill Zollinger
Cache County Clerk

Publication Date: June 4, 2011

RESOLUTION NO. 2011- 14

A RESOLUTION INCREASING THE BUDGET APPROPRIATIONS FOR CERTAIN COUNTY DEPARTMENTS.

The Cache County Council, in a duly convened meeting, pursuant to Sections 17-36-22 through 17-36-26, Utah Code Annotated, 1953 as amended, finds that certain adjustments to the Cache County budget for 2011 are reasonable and necessary; that the said budget has been reviewed by the County Auditor with all affected department heads; that a duly called hearing has been held and all interested parties have been given an opportunity to be heard; that all County Council has given due consideration to matters discussed at the public hearing and to any revised estimates of revenues; and that it is in the best interest of the County that these adjustments be made.

NOW THEREFORE, it is hereby resolved that:

Section 1.

The following adjustments are hereby made to the 2011 budget for Cache County:

see attached

Section 2.

Other than as specifically set forth above, all other matters set forth in the said budget shall remain in full force and effect.

Section 3.

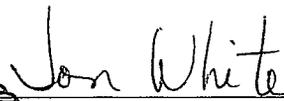
This resolution shall take effect immediately upon adoption and the County Auditor and other county officials are authorized and directed to act accordingly.

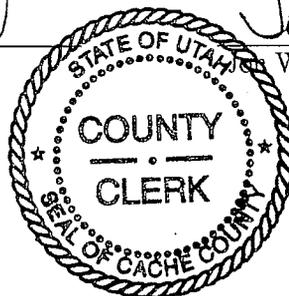
This resolution was duly adopted by the Cache County Council on the 24th day of May 2011.

ATTESTED TO:

CACHE COUNTY COUNCIL


Jill N. Zollinger, Cache County Clerk


White, Chairman



FUND 100 GENERAL FUND REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
100-3419-300	MUNICIPAL PROSECUTION REV	(25,000)		(65,577)	(90,577)	8 mo @\$8197 LOGAN CITY municipal prosecution(3 YR CONTRACT)
100-34-75000	Fairground-Riding Pass Revenues	-		(8,000)	(8,000)	fee increase and estimate for yr
100-36-50000	Misc-Sale of Surplus Property	(3,000)		(12,800)	(15,800)	estimated revenues
100-38-75000	TRANSFERS FROM OTHER FUNDS	(405,100)		(75,000)	(480,100)	TRANSFER FROM MBA (CIB GRANT)
100-38-76000	TRANSFER FROM RESTAURANT TAX	-		(40,000)	(40,000)	TRANSFER FROM RESTAURANT TAX
100-38-76500	TRANSFER FROM RAPZ TAX	(16,884)		(21,000)	(37,884)	TRANSFER FROM RAPZ TAX AWARDS
100-38-78000	CONTRIBUTIONS SAR	(6,500)		(2,000)	(8,500)	CV Cruise-In Contrib
100-38-78100	CONTRIBUTIONS MOUNTED POSSE	(11,000)		(500)	(11,500)	CV Cruise-In Contrib
100-38-90000	APPROP SURPLUS	(122,224)		(35,398)	(157,622)	approp surplus for acctg software
	Totals			(260,275)	(260,275)	

Net Adjustment

(260,275)

FUND 100 GENERAL FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
100-4115-480	WATER POLICY DEPT - SPEC GRANT EXPENSE	10,000	75,000		85,000	CIB GRANT EXPENSE
100-4141-740	AUDITOR - CAPITALIZED EQUIPMENT	(147,130)	115,000	(52,900)	115,000	TO PURCHASE NEW GL SOFTWARE
100-4141-999	AUDITOR - A&C Alloc 46%	655,374	39,346		(200,030)	TO PURCHASE NEW GL SOFTWARE
100-4145-110	ATTY - SALARY	292,604	26,231		694,720	FTE PROSECUTOR FOR ABOVE CONTRACT
100-4145-130	ATTY - BENEFITS	(98,998)		(5,902)	318,835	FTE PROSECUTOR FOR ABOVE CONTRACT
100-4145-999	ATTY - A&C ALLOCATION 9%	14,850	2,000		(104,900)	TO COVER NEW FTE'S COSTS
100-4216-251	SAR-NON-CAPITALIZED EQUIPMENT	2,000			16,850	CV Cruise-In Contrib
100-4217-250	POSSE-EQUIP SUPPLIES & MAINTENANCE	2,000	500		2,500	CV Cruise-In Contrib
100-4220-110	Fire-Salary	164,858		(16,000)	148,858	Pettigrew exempt>temp emp
100-4220-120	Fire-Temporary Employees	10,259	24,000	(8,000)	34,259	Pettigrew exempt>temp emp
100-4220-130	Fire-Employee Benefits	74,204		(2,340)	66,204	Pettigrew exempt>temp emp
100-4220-330	Fire-Education and Training	9,000			6,660	Transfer to meet costs
100-4220-740	Fire-Capitalized Equipment	22,000	2,340		24,340	Purchase Chev Silverado
100-4511-720	FAIRGROUNDS - BUILDING IMPROVEMENTS	-	11,000		11,000	PAINT HOME ARTS BLDG
100-4511-730	FAIRGROUNDS - IMPROVEMENTS	-	30,000		30,000	ROPING ARENA INSTALLATION
100-4960-600	SUNDRY EXPENSE	162,887	20,000		182,887	WIFI INSTALLATION -REIMB FEB APPROP
	Totals		345,417	(85,142)	260,275	

Net Adjustment

(85,142)

260,275

FUND 150 ASSESSING & COLLECTING REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
150-38-72000	A&C-Contributions-Other Sources	-	-	(3,500)	(3,500)	LandEZ Contract
150-38-90000	APPROPRIATED SURPLUS	(38,714)	38,714	-	-	-
150-38-92000	APPROPRIATED SURPLUS - A & C	-	-	(97,516)	(97,516)	TO COVER ACCTNG SOFTWARE -AUDITOR & ATTY FTE
	Totals	-	38,714	(101,016)	(62,302)	
	Net Adjustment	-	-	-	-	

FUND 150 ASSESSING & COLLECTING EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
150-4141-999	AUDITOR - A&C Alloc 46%	147,130	52,900	-	200,030	TO PURCHASE NEW GL SOFTWARE
150-4145-999	ATTY - A&C ALLOCATION 9%	98,998	5,902	-	104,900	TO COVER NEW FTE'S COSTS TRANSFER TO UPDATE TO 2008 SQL
150-4146-310	ASSESSOR - PROFESSIONAL & TECHNICAL	65,000	-	(50,000)	15,000	ENTERPRISE
150-4146-740	ASSESSOR - CAPITALIZED EQUIPMENT	50,000	50,000	-	100,000	UPDATE TO 2008 SQL ENTERPRISE
150-4800-992	CONTRIB - A & C FUND RESERVE	-	3,500	-	3,500	LANDEZ CONTRACT
	Totals	-	112,302	(50,000)	62,302	
	Net Adjustment	-	-	-	-	

FUND 201 MUNICIPAL BUILDING AUTHORITY FUND REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
201-33-40000	STATE GRANT - CIB FUNDS	-	-	(75,000)	(75,000)	CIB GRANT - WATER
	Totals	-	-	(75,000)	(75,000)	
	Net Adjustment	-	-	-	-	

FUND 201 MUNICIPAL BUILDING AUTHORITY FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
201-4810-201	TRANSFERS OUT TO GENERAL FUND	-	75,000	-	75,000	CIB GRANT TRANSFER TO GEN FUND
	Totals	-	75,000	-	75,000	
	Net Adjustment	-	-	-	-	

FUND 230 TOURIST COUNCIL FUND REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
230-38-70000	CONTRIBUTIONS PRIVAT SOURCES	(8,250)	-	(1,000)	(9,250)	CV Cruise In/Caine College Contrib
230-36-90000	SUNDRY INCOME	(9,250)	-	(400)	(9,650)	KVU Refund and other misc rev
	Totals			(1,000)		
	Net Adjustment				(1,000)	

FUND 230 TOURIST COUNCIL FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
230-4780-490	ADVERTISING & PROMOTIONS	180,750	1,000	-	181,750	CV Cruise In/Caine College Contrib
230-4780-490	ADVERTISING & PROMOTIONS	181,750	400	-	182,150	KVU Refund and other misc rev
	Totals		1,000			
	Net Adjustment				1,000	

FUND 240 COUNCIL ON AGING FUND REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
240-3310-000	FED GRANTS - CNS-RSVP FUNDS	(64,687)	18,446	-	(46,241)	CONTRACT EXTENDED 15 MO
240-3890-000	APPROP SURPLUS	(5,715)	-	(2,710)	(8,425)	TO ADJ TO ACTUAL
240-3899-000	APPROP SURPLUS - RSVP	(2,170)	-	(7,217)	(9,387)	TO ADJ TO ACTUAL
	Totals		18,446	(9,927)		
	Net Adjustment				8,519	

FUND 240 COUNCIL ON AGING FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
240-4973-110	RSVP- SALARY	24,566	-	(3,849)	20,717	adj for contract extension to 15 mo
240-4973-130	RSVP- BENEFITS	14,191	-	(2,318)	11,873	adj for contract extension to 15 mo
240-4973-240	RSVP- Office Supplies #1	934	2,500	-	3,434	adj for contract extension to 15 mo
240-4973-490	RSVP- ADVERTISING & PROMOTIONS	1,061	1,950	-	3,011	adj for contract extension to 15 mo
240-4973-510	RSVP- UCIP & VOLUNTEER	1,500	-	(187)	1,313	adj for contract extension to 15 mo
240-4973-610	RSVP- VOL RECOGNITION	9,250	-	(5,615)	3,635	adj for contract extension to 15 mo
240-4973-620	RSVP- Volunteer Travel	6,500	-	(1,000)	5,500	TO MEET CURRENT EXPENSES
	Totals		4,450	(12,969)		
	Net Adjustment				(8,519)	

FUND 260 RESTAURANT TAX FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
260-4780-620	MISC SERVICES	1,406,576		(40,000)	1,366,576	\$20K FOR ROPING ARENA \$20K FOR wfi
260-4810-110	TRANSFER TO GENERAL FUND	29,444	40,000		69,444	\$20K FOR ROPING ARENA \$20K FOR wfi
	Totals		40,000	(40,000)		
	Net Adjustment					

FUND 620 RAPZ TAX FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
620-4780-482	RAPZ ALLOCATIONS - PROJECTS	1,325,004		(21,000)	1,304,004	ROPING ARENA \$10K; \$11K PAINT HOMEARTS
620-4810-201	TRANSFERS OUT - GENERAL FUND	16,884	21,000		37,884	ROPING ARENA \$10K; \$11K PAINT HOMEARTS
	Totals		21,000	(21,000)		
	Net Adjustment					

FUND 770 AIRPORT FUND REVENUES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Decrease DEBIT	Increase CREDIT	Amended Budget	Reason for Change
770-3870-000	Appropriated Surplus	(61,942)		(37,755)	(99,697)	To Cover costs
	Totals		-	(37,755)		
	Net Adjustment				(37,755)	

FUND 770 AIRPORT FUND EXPENDITURES

ACCOUNT	DESCRIPTION	Current Budget	Recommended Increase DEBIT	Decrease CREDIT	Amended Budget	Reason for Change
770-4460-250	EQUIP SUPPLIES AND MAINT	11,000	8,255		19,255	Emergency repair - Airport tower
770-4460-620	MISC SERVICES	4,000	2,000		6,000	Airport overlay - JUB Engineering
770-4460-740	CAPITALIZED EQUIPMENT	-	27,500		27,500	SNOW BOX \$8725 & Bat Wing mower
	Totals		37,755			
	Net Adjustment				37,755	

CACHE COUNTY
RESOLUTION NO. 2011 - 15

WHEREAS, The County is in need of a master plan of their entire County water systems,

WHEREAS, The County desires to obtain grant funding from the Bureau of Reclamation through the WaterSMART: System Optimization Review Grants program.

NOW THEREFORE, BE IT RESOLVED that the County Council agrees and authorizes that:

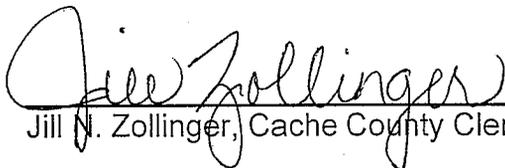
1. The WaterSMART: System Optimization Review application prepared by J-U-B Engineers, Inc. has been reviewed by the County Council and supports the contents therein;
2. Cache County is capable of providing the amount of funding specified in the funding plan; and
3. If selected for a WaterSMART: System Optimization Review Grant, the County will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.

DATED: May 24, 2011

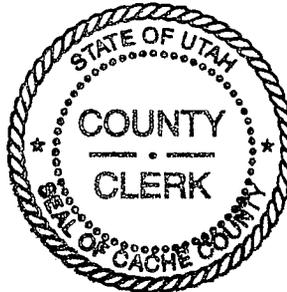


Jon White, Cache County Council Chairman

ATTEST:



Jill N. Zollinger, Cache County Clerk



N/A

Table 3 Summary of Non-Federal and Federal Funding Sources

Funding Source	Funding Amount
Non-Federal Entities	
1 Cache County	58,659.00
2 DWR	20,000.00
3	
4	
5	
Non-Federal Subtotal:	78,659.00
Other Federal Entities	
1	
2	
3	
Other Federal Subtotal:	0.00
Requested Reclamation Funding:	78,659.00
Total Project Funding:	

Application for Federal Assistance SF-424		Version 02
*1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		*2. Type of Application * If Revision, select appropriate letter(s) <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision *Other (Specify) _____
3. Date Received:		4. Applicant Identifier:
5a. Federal Entity Identifier:		*5b. Federal Award Identifier:
State Use Only:		
6. Date Received by State:		7. State Application Identifier:
8. APPLICANT INFORMATION:		
*a. Legal Name: Cache County		
*b. Employer/Taxpayer Identification Number (EIN/TIN): 87-6000302		*c. Organizational DUNS: 050037209
d. Address:		
*Street 1: <u>179 North Main Street</u>		
Street 2: _____		
*City: <u>Logan</u>		
County: <u>Cache</u>		
*State: <u>UT</u>		
Province: _____		
*Country: <u>USA</u>		
*Zip / Postal Code <u>84321</u>		
e. Organizational Unit:		
Department Name: _____		Division Name: _____
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: _____		*First Name: <u>Zan</u>
Middle Name: _____		
*Last Name: <u>Murray</u>		
Suffix: <u>P.E.</u>		
Title: <u>Project Manager/Engineer</u>		
Organizational Affiliation: _____		
*Telephone Number: (435) 713-9514		Fax Number: (435) 713-9503
*Email: <u>zpm@jub.com</u>		

Application for Federal Assistance SF-424

Version 02

***9. Type of Applicant 1: Select Applicant Type:**

B. County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*Other (Specify)

***10 Name of Federal Agency:**

U.S. Department of the Interior, Bureau of Reclamation; Denver, Colorado

11. Catalog of Federal Domestic Assistance Number:

15.507

CFDA Title:

WaterSMART: System Optimization Review Grants for FY 2011

***12 Funding Opportunity Number:**

R11SF80356

*Title:

WaterSMART: System Optimization Review Grants for FY 2011

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Cache County, Utah

***15. Descriptive Title of Applicant's Project:**

Cache County Water Master Plan

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant: UT-001

*b. Program/Project: UT-001

17. Proposed Project:

*a. Start Date: July 2011

*b. End Date: September 2012

18. Estimated Funding (\$):

*a. Federal	\$78,659.00
*b. Applicant	\$58,659.00
*c. State	\$20,000.00
*d. Local	
*e. Other	
*f. Program Income	
*g. TOTAL	\$157,318.00

*19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- a. This application was made available to the State under the Executive Order 12372 Process for review on _____
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E. O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

- Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions

Authorized Representative:

Prefix: _____ *First Name: M.

Middle Name: Lynn

*Last Name: Lemon

Suffix: _____

*Title: Cache County Executive

*Telephone Number: (435) 755-1500

Fax Number: (435) 755-1981

* Email: Lynn.Lemon@cachecounty.org

*Signature of Authorized Representative: *M. Lynn Lemon*

*Date Signed: 4/25/11

Application for Federal Assistance SF-424

Version 02

***Applicant Federal Debt Delinquency Explanation**

The following should contain an explanation if the Applicant organization is delinquent of any Federal Debt.

SF-424 Assurances

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

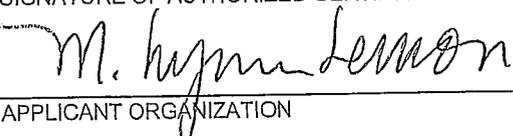
SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE County Executive
APPLICANT ORGANIZATION Cache County	DATE SUBMITTED April 25, 2011

Table of Contents

List all major sections of the technical proposal in the table of contents.

Technical Proposal and Evaluation Criteria

The technical proposal (45 pages maximum) includes: (1) the Executive Summary, (2) Background Data, (3) General SOR Overview, and (4) SOR Evaluation Criteria.

Technical Proposal: Executive Summary.

Date: April 18, 2011

Project Name: Cache County Water Master Plan

Applicant Name: Cache County

City, County, State: Logan, Cache County, Utah

Contact Information:

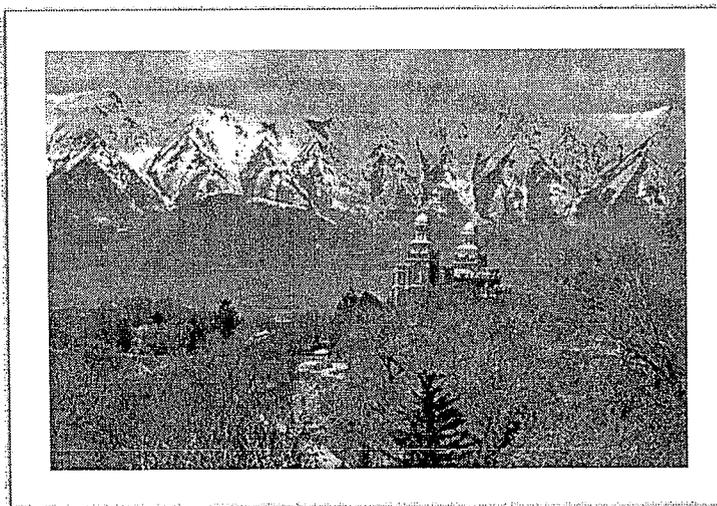
Bob Fotheringham
179 North Main Street
Logan, Utah 84321

E-mail: bob.fotheringham@cachecounty.org

Project Funding Request:

It has been said that “a man from the west will fight over three things: water, women and gold, and usually in that order.” Water is the life blood of any community and its availability and quality are two of the crucial issues for counties and cities in Utah. Cache County and the beautiful valley where it is located is no exception to this. Rather than ensue in an old west gunfight to secure water, Cache County is working closely with all water users in northern Utah to find the best solutions to avoid the loss of valuable water opportunities. One of the most important water opportunities of northern Utah is the Bear River. Some say that the Bear River is one of the last untapped water resources left in the State of Utah.

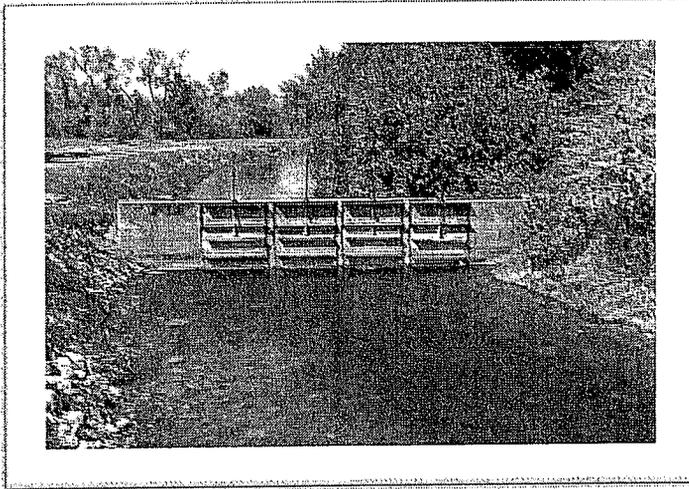
The Bear River begins in the High Uintah's, and then gaining volume flows through 3 states before discharging into the Great Salt Lake. In its meandering course the river flows about 500 miles, but the distance from its headwaters to the Bear River Bay of the Great Salt Lake is only 90 miles. The basin yields about 1.4 million acre-feet of water.



With the passing of the “Bear River Development Act (Act),” a mandate requiring the Division of Water Resources (DWR) to “develop the surface waters of the Bear River and its tributaries” was enacted. This Act states that “through planning and construction of reservoirs and associated facilities... the DWR is authorized to own and operate the facilities constructed and market the developed water.” The Act allocates 220,000 acre-feet of water to be distributed to the Jordan Valley and Weber Basin

Water Conservancy Districts (50,000 acre-feet each), Bear River Water Conservancy District (60,000 acre-feet) and water users in Cache County (60,000 acre-feet). The act was passed over a decade ago and the pressure to move forward with the DWR plans is being sought by both the

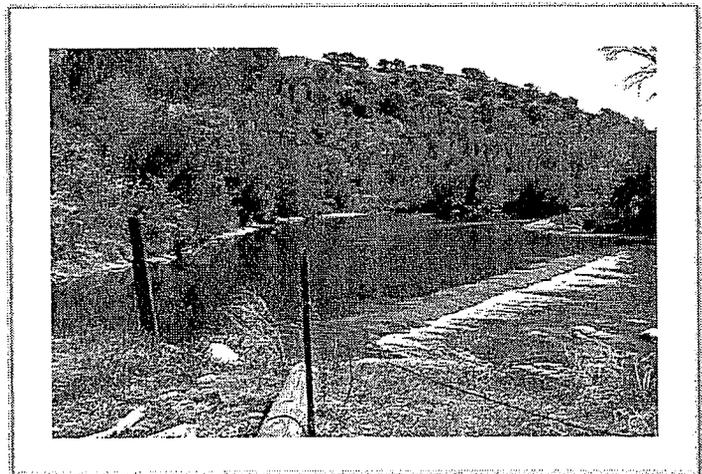
Jordan Valley and Weber Basin Conservancy Districts where growth is high. These districts have initiated the purchase of a water treatment plant site and right-of-way to construct a conveyance system southward through Weber and Davis Counties to Salt Lake County.



As Cache County participates and attends the meetings with the Bear River Work Group with DWR they understand the pressure these districts

feel from growth. These pressures have Cache County and all the communities in the County feeling the need to move forward with utilizing the available water as well. However, moving without a plan of how and what direction to go is something they all know makes no sense.

A few years ago the County along with Envision Utah developed a plan called "Envision Cache Valley." This plan is a once-in-a-generation opportunity to explore growth-related issues and think about what Cache Valley should be like in the future. Cache County had a population of just over 91,000 in 2000 and an estimated population in 2009 at just over 113,000. That was a 24% increase in population over a period of nine years. The County's population is estimated to reach 274,527 by 2050 and 331,594 by 2060, assuming an average annual growth rate of 2.2%.



Cache County is made up of 1173-sq. miles and includes 54 irrigation companies and 23 incorporated cities: Amalga, Benson, Clarkston, College Ward, Cornish, Cove, Hyde Park, Hyrum, Lewiston, Logan, Mendon, Millville, Newton, Nibley, North Logan, Paradise, Providence, Richmond, River Heights, Smithfield, Trenton, Wellsville and Young Ward.

The County is responsible for ensuring that all of its water needs are planned for and its available water is used to its best and fullest extent. The SOR will help the County plan for the future water needs by allowing them to evaluate regional water system improvements and strategies to

make more efficient use of the available water resources in the County. Improvements and strategies that will be evaluated include:

- Water Use Based on Quality (Culinary sources not being used for irrigation)
- Water System Interconnects (Cooperative Water Operating Agreements)
- Aquifer Storage and Recovery
- Secondary Water Distribution Systems
- Water Measurement
- Conservation
- Water Treatment
- Water Reuse
- Water Banking/Water Marketing

Improvements and strategies will be evaluated on a regional basis throughout the County.

- **Current transport losses:** the County has large water losses due to the length of un-lined open ditches in the County. It is estimated that the County sees just less than 86,000 acre-feet of seepage from the canals.
- **Water marketing:** Currently the County and its communities and irrigation companies are not engaged in water marketing opportunities. This is an area that the plan will investigate as they develop the use of secondary water.
- **Average annual water supply:** Estimate 39,674 acre-feet of culinary water.
- **Average annual demand:**
 - Culinary water : 24,305 acre-feet
 - Secondary Water: 3,472 acre-feet
- **Projected future demand:**

As population increases, municipal water requirements will also increase. The Utah State Water Plan for the Bear River Basin (Utah Division of Water Resources, 2004) predicted an annual deficit of 69 acre-feet by 2050 for municipal and industrial water supply systems for all of Cache County (See Table 1). The area of greatest population in the county, Logan City, will likely have an annual deficit of 2700 acre feet by 2020 and 6900 acre-feet by 2050 (See Table 1). With major growth changes over the last ten years the numbers listed within the water plan for the Bear River needs to be evaluated and updated in order to show a more accurate view of the County's demand and supply needs for the future.

Table 1 Projected Culinary M&I Demand

Cache County Projected Culinary M&I Demand and Supply For Public Community Water Systems (acre-feet/year)							
Name	Reliable System/ Source Capacity 1	2020			2050		
		Population	*Demand	Surplus Deficit ()	Population	*Demand	Surplus Deficit ()
Amalga Municipal Water System	559	587)	649	(90)	950	900	(341)
Benson Water Culinary District	147	577	105	42	1048	163	(17)
Clarkston Municipal Water System	471	826	387	84	1539	615	(144)
Cornish Municipal Water System	99	257	85	14	576	162	(63)
Goaslind Spring Water Works Co.	401	60	11	390	60	9	392
High Creek Culinary Water System	64	85	19	45	85	16	48
Hyde Park Culinary Water System	1244	3787	467	777	6573	695	549
Hyrum City Water System	4771	8457	2703	2068	14,049	3848	923
Lewiston Culinary Water System	705	2,457	705	0	4,175	1,026	(321)
Logan City Water System	13,758	59,587	16,455	(2,697)	87,166	20,632	(6,874)
Mendon Culinary Water System	294	1,782	204	90	1,997	196	98
Millville City Water	454	1,973	390	64	3,352	568	(114)
Newton Town Water	158	1,045	171	(13)	1,555	218	(60)
Nibley City	406	4,238	617	(211)	4,549	567	(161)
North Logan Culinary System	2,986	9,043	1,275	1,711	12,555	1,517	1,469
Paradise Town	190	1,093	160	30	1,688	212	(22)
Providence City Corp. Water	3,748	13,512	2,972	776	17,888	3,373	375
Richmond City	919	2,592	448	471	4,562	676	243
River Heights City Water System	1,208	1,657	573	635	3,328	987	221
Smithfield Municipal Water System	2,311	12,601	2,052	259	16,899	2,359	(48)
South Cove Water Supply	182	73	19	163	202	16	166
Trenton City	577	595	96	481	999	138	439
Wellsville City	4,022	3,574	583	3,439	6,068	848	3,174
County Totals		130,458	31,145	8,529	191,854	39,743	(69)
	<i>Green Surplus/Deficit Cell indicates that without conservation the existing Reliable System/Source capacity will be inadequate.</i>						
	<i>Red Surplus/Deficit Cell indicates that even with conservation the existing Reliable System/Source capacity will be inadequate.</i>						
	<i>Calculated demand for 2020 and 2050 include 12½ percent and 25 percent conservation respectively.</i>						

1 Reliable system source capacity represents the volume of water, which when divided by the average annual per capita use, gives the population that can reliably be served by the existing system under peak day demand conditions.

Source: 2001 M&I Water Supply Bear River Report, Utah Division of Water Resources, April, 2001.

- **Average annual shortage of the study area:** Currently with the population and the available water there are three communities with water shortages. These existing shortages will continue to grow and increase as the population grows. From Table 1 above, it is anticipated there will be a shortage of 69 acre-feet in the County by 2050. While the table shows only a deficit of 69 acre feet, there are several communities with deficits and surplus. These will need to be balanced over the next 40 years in order to make the best use of the water resources in Cache Valley. This plan will set the foundation for creating this balance.

Technical Proposal: Background Data.

Geographic location of the system: to be analyzed as part of the proposed SOR.

The study area for Cache County is made up of 1173-sq. miles and includes 54 irrigation Companies and 20 incorporated cities. Cache County is bordered by the Bear River Range to the east, the Wellsville Mountains to the southwest, the Cache Butte Divide and Junction Hills to the West, and Clarkston Mountain to the northwest. The valley floor ranges in elevation from about 4400 to 5400 feet. Peaks in the Wellsville Mountains and Bear River Range reach elevations above 9000 feet.

Amount of Water and Sources:

Estimate 39,674 acre-feet of culinary water

Sources: Municipal wells and springs across the valley. Bear River water has not yet been used for culinary water purposes in Cache County.

Current Water Uses:

Of the 237,950 acres of Cache County, 96,534 acres (41%) are irrigated agricultural areas, 8612 acres (4%) are semi-irrigated, 30,415 acres (13%) are urban, 71,359 acres (30%) are non-irrigated, and the rest (12%) are other miscellaneous designations. There are approximately 365 miles of irrigation canals. Irrigated crop land in Cache County is 112,450 acres.

Current and Projected Demands:

- Current culinary water demand: 24,305 acre-feet - Future 39,743 (2050) with conservation.
- Secondary Water for residential use: 3,472 acre-feet - unsure

Delivery system:

Agricultural systems:

- Miles of canals - There are approximately 53 irrigation companies with over 365 miles of irrigation canals. With approximately 86,000 acre-feet of seepage losses from a number of issues i.e. (seepage, evaporation, and on farm efficiency issues etc.) a number of projects are taking place with these irrigation companies to reduce the seepage.

- Municipal systems - In 2009, Cache County had a total of 33,809 connections, 30,787 of which are domestic connections. Since 2008, 9223 connections have been added most of which are domestic and commercial. Towns in the principal aquifer area service a majority of those connections. Total ground-water withdrawal from wells in Cache County for 2009 was 30,800 acre-feet. Of the 30,800 acre-feet, irrigation wells pumped 13,700 acre-feet (44%), industrial wells pumped 6000 (19%), public supply wells pumped 9100 (30%), and domestic and stock wells pumped 2000 acre-feet (7%)

Identify any past working relationships with Reclamation:

Cache County has not received any grants in the past from BOR however they have worked with Utah Geological Survey (UGS) on a past project that was funded by, the U.S. Bureau of Reclamation. The project was the Weber River Basin Aquifer Storage and Recovery Project. Cache County worked alongside the UGS on the Weber River basin aquifer storage and recovery project from September 2002 to December 2005 under Agreement Number 02-FC-40-8700. Steve Noyes, Provo Utah office, was the U.S. Bureau of Reclamation official on the project. The draft final report for this project, on which the UGS was the lead agency, has been completed and submitted as a UGS Special Study.

Technical Proposal: General SOR Overview

Goals

The main goal of this project is to prepare a County-wide plan to utilize and conserve the water resources in the County as efficiently as possible now and in the future. This plan will incorporate the following objectives:

- Inventory the existing water resources in the County.
- Calculate existing and future water demands for both municipal water and agricultural water.
- Unite the individual communities and irrigation companies of the County to manage water in a joint effort as one body.
- Evaluate and adopt regional strategies to follow as a County in order to utilize water more efficiently.
- Prepare a prioritized list of regional water capital facility projects to construct for the better use of available water resources.

Approach

✓ *Information gathering*

- a. Hold a project kickoff meeting with the J-U-B project team members and County staff. The project approach will be reviewed and methods for collecting and sharing data (i.e. Geographic Information Systems) will be established. A review of sources, agencies, and contacts that will be used to collect data and request information from will be determined. Consideration will be made of who should attend and participate in the project milestone meetings as stakeholders.
- b. Plan, organize and facilitate a meeting with the municipal water entities in the County. Representatives from each of the cities and water districts in Cache County will be invited to attend. City mayors, council members assigned over water, water operators and possibly planning commissioners will be invited from each of the cities. This meeting will discuss the purpose of the master plan and process to be used to collect and analyze the data. The meeting will also be used to emphasize the importance of working together to manage water resources. Input and questions will be collected at this time. A similar meeting will be held with the large irrigation water users/irrigation companies in the County. Follow up phone calls and questions will be fielded. Outcomes from the study will be presented after the plan is complete during a County Council Meeting.
- c. Estimate municipal, industrial and residential irrigation water demands for each water purveyor in the County from the annual water audit submitted to the Division of Water Resources. These demands will be compared with the water use data given by the Utah Division of Water Resources in the 2004 Bear River Basin Report. A table will be created to compare the data from the two sources. Population changes from the Bear River Basin Report to 2010 will be accounted for in this comparison.
- d. Calculate the estimated existing agricultural demands by using the irrigation duty outlined by the Division of Water Rights. This analysis will be completed

in GIS. Compare the calculated irrigation demand to the estimates provided in the 2004 Bear River Basin Report. A table will be created to evaluate the two data sources and compare the calculated demands of flow which has been recorded in the annual river reports.

- e. Estimate existing residential water demands in unincorporated areas. Using the bases of per-capita or per-connection demands determined by the water purveyors. The Envision Cache Valley Report population information will be used to define the total existing demand.
- f. Establish future populations for each of the communities within the County for the Year 2040 using the Envision Cache Valley Report. Existing agricultural demands will then be converted to future municipal demands based on the Envision Cache Valley growth projections for each community in the County. Based upon future demands, an estimate of the year that each community in Cache County will have needs beyond their existing rights will be determined.

✓ *Identifying issues and priorities*

- a. Gather information with regards to key water issues and priorities during the meetings with the representatives of each of the municipal water entities and the irrigation companies. Follow-up phone calls and interviews with some of the representatives will be carried out for those who are not contacted during the meetings.
- b. Hold four project milestone meetings with the County and project stakeholders to discuss key issues and priorities.

✓ *Setting goals*

- a. Review results of the water system improvement strategies and analysis with County personnel and stakeholders at project progress meetings.
- b. Rank water system improvement needs during stakeholder meetings and set goals as a group.

✓ *Identifying and evaluating potential improvements*

- a. Compare existing and future available water resources with existing and projected water demands throughout the County.
- b. Identify regional areas with existing or projected water deficiencies.
- c. Evaluate regional water system improvements and strategies to make more efficient use of the available water resources in the County. Improvements and strategies that will be evaluated include:
 - Water Use Based on Quality (Culinary sources not being used for irrigation)
 - Water System Interconnects (Cooperative Water Operating Agreements)
 - Aquifer Storage and Recovery
 - Secondary Water Distribution Systems
 - Water Measurement
 - Conservation
 - Water Treatment
 - Water Reuse
 - Water Banking/Water Marketing

Improvements and strategies will be for regional improvements in the County.

- d. Prepare a list of pros and cons associated with each of the improvement strategies and rank improvement options for each of the potential improvement projects. This evaluation will be based on potential impacts to the environment, constructability of the projects, conceptual cost estimates to complete the projects, potential social impacts and perceived benefits based on stakeholder input. All plans and estimates for this study will be conceptual.

✓ ***Creating a plan of action for implementing the improvements identified***

- a. Prepare a prioritized schedule to implement the improvements based on the identified funding opportunities and the high priority needs.
- b. Research available grant and low interest loan opportunities to fund improvement projects. Provide information with regards to what grants and loans are available and the requirements that must be met to be eligible for those grants and loans.
- c. Provide pros and cons of potential water management agencies such as forming a special services district or using the county government for regional water management. Include estimates of the costs associated with operating the agency.

✓ ***Developing an SOR Report.***

- a. Prepare a written report including maps, tables, and figures to; document the process followed to create the plan, give the results of the water supply and demand calculations, document the public process followed and the results of the process, document the steps followed and the results for each of the steps completed in the analysis, provide recommendations for how to retain and manage water in Cache County.

Discussion

Many discussions will take place over the course of the SOR development. Many of them will involve identifying required information and meeting with representatives from the water systems in the County. The following discussions will be part of the overall planning process:

- Consultation on existing inventories of municipal and irrigation water resources and major system components.
- Identification of which resources are ground water and which are surface water. Start with information that has been compiled for other studies and update as needed.
- Discussions with communities to provide information about their water resources needs and concerns for inclusion in the plan.
- Dialogs with all the stakeholders of the County to compile information on irrigation canals, rivers, private water companies and large private wells as well as obtaining information from the Division of Water Resources, any annual reports available from the river water commissioners, and data provided by the County.
- Water management issues will be identified through data collection meetings/interviews with key water stakeholders in the County and by comparing the existing and projected water demands with the available water resources.

- Discussions of issues regarding the water savings that will be obtained, environmental impacts, ability to fund improvements, and ways to prioritize the improvements.

✓ ***Expected Members of the SOR Team:***

SOR team would be made up of County Staff (Engineers and Planners), representatives from different communities and irrigation companies, DWR staff, and engineers from JUB Engineers.

JUB was selected over five years ago as the Engineer of Record by a request for proposal process. With over 40 years of water system, modeling & master planning experience. J-U-B has become a leader in Northern Utah in the areas of water system modeling, planning, and design. As an example, they have done modeling and master planning of secondary water systems for major portions of both Davis and Utah counties in Utah. JUB's team includes four highly experienced water system modelers and planners. They have highly skilled GIS experts and numerous water system managers throughout the state who are currently using J-U-B developed GIS software to manage their systems. *(Please see Attachment B for the Team Resumes)*

Scope

Task 1 Project Meetings / Reporting

1-1 Kickoff Meeting

Hold a project kickoff meeting with the J-U-B project team members and County personnel to be involved with the project. This meeting will be used to review the roles of each of the project team members and share contact information. The project approach will be reviewed and methods to collect and share data (i.e. Geographic Information Systems) from the County will be identified. Review sources and share contacts that will be used to collect data from other agencies. Discuss who should attend and participate in the project milestone meetings as stakeholders.

1-2 Project Milestone Meetings

Hold four project milestone meetings with the J-U-B project team, County personnel and stakeholders. The first meeting will review water supply and demand data gathered from the initial municipal and irrigation water stakeholder meetings. The second meeting will review information regarding the allotments of groundwater and surface water. The third meeting will be used to share ideas for concepts of improvement strategies in the County. The final meeting will be held to report opinions of cost and conclusions from the planning effort. Comments and feedback from these meetings will be incorporated into the master plan.

Prior to the milestone meetings, J-U-B will meet with the County project manager to review the meeting information. These meetings will discuss the current status of the project including work completed to date and work to be completed before the next meeting. Milestone dates will be reviewed to help the project stay on schedule.

1-3 Plan Review Meetings

Hold two master plan review meetings with the County. These meetings will occur after a draft plan report is completed. Comments from the meetings will be incorporated into the report.

1-4 County Council Presentation

Prepare and present a 30 minute overview of the master plan, the planning process and outcomes from the plan. Comments from the council will be received and incorporated into the final report.

1-5 Quarterly Project Reports

Prepare and submit quarterly reports on the project progress to the Bureau of Reclamation.

Task 2 Existing Water Supply

2-1 Compile Water Resource Data

Compile an inventory of existing municipal and irrigation water resources within the County and identify which resources are ground water and which resources are surface water.

Sources to be compiled in the inventory include:

- municipal wells and springs for each of the communities
- major irrigation canals
- major rivers
- large private wells

It is assumed that the communities will provide the information about their water resources for inclusion in the plan. Information on irrigation canals, rivers, private water companies and large private wells will be compiled using information from the Division of Water Resources, annual reports from the river water commissioners, and data provided by the County. Detailed research in the State databases is not assumed to be required for this level of planning. Data assumptions will be made on the remainder of the water resources in the County due to the scale of the Plan.

2-2 Map Water Sources

Create GIS based maps to identify the general locations of water resources including the major municipal wells and springs, significant irrigation canals, creeks, springs and rivers. Coordinate with the County GIS department for data format for information transfer during and after the project.

2-3 Summarize Water Rights Associated with Resources

Create a summary of the water rights that are associated with the identified water resources. The communities in the County will be asked to give a summary of the water rights that they have associated with the resources. These rights will be researched in the Division of Water Rights database to confirm information about the water rights. Surface irrigation water rights will be based on information given in the annual reports prepared by the river commissioners for the Little Bear River, Blacksmith Fork River, Logan River, Bear River and Summit Creek. Only significant irrigation companies will be summarized individually. Others will be grouped for ease of data analysis. Information included in a database that has been created by the County will be used to supplement the summary.

Task 3 Water Demands

3-1 Estimate Existing Municipal and Industrial Demands

Municipal, industrial and residential irrigation water demands will be determined for each water purveyor from the annual water audit submitted to the Division of Water Resources. These demands will be compared with the water use data given by the Utah Division of Water Resources in the 2004 Bear River Basin Report. A table will be created to compare the data from the two sources. Population changes from the Bear River Basin Report to 2010 will be accounted for in this comparison.

3-2 Estimate Existing Agricultural Water Demands

Calculate the estimated existing agricultural demands by using the irrigation duty outlined by the Division of Water Rights. This analysis will be completed in GIS. Compare the calculated irrigation demand to the estimates provided in the 2004 Bear River Basin Report. A table will be created to compare the two data sources. Compare the calculated demands to the available flow that has been recorded in the annual river reports.

3-3 Estimate Existing Residential Water Demands in Unincorporated Areas

Based upon the per capita or per connection demands determined in the water purveyors, determine the demand of the unincorporated area of the County. The Envision Cache Valley Report population information will be used to define the total existing demand.

3-4 Estimate Future Water Demands

Use population projections from the Envision Cache Valley Report to assign future populations to each of the communities within the County for year 2040. These projections will be used to predict demand using existing demand per capita or connection. The existing agricultural demands will be converted to future municipal demands based on the Envision Cache Valley growth projections for each community in the County. With these future demand estimates the plan will address approximations for when each community in Cache County may have needs beyond their existing rights.

3-5 Forecast Groundwater Supply Usage

Identify the estimated year when the 25,000 acre-feet per year, which has been allocated for additional development in Cache Valley per the 1999 Ground Water Management Plan, will need to be fully developed to meet demands.

3-6 Create a Water Supply/Demands Summary Table

Summarize the findings of the water supply and water demands analysis and create a summary table that lists the supply, existing demands and future demands of each community in the County.

Task 4 Public Process

4-1 Meeting with Municipal Water Users

Plan, organize and facilitate a meeting with the municipal water entities in the County. Representatives from each of the cities and water districts in Cache County will be invited to come to the meeting. City mayors, council members assigned over water, water operators and possibly planning commissioners will be invited from each of the cities. This meeting will discuss the purpose of the master plan and process to be used to collect and analyze the data. The meeting will also be used to emphasize the importance of working together to manage water resources. Input and questions will be collected at this time. Outcomes from

the study will be presented after the plan is complete during the County Council Meeting listed under Task 1-4. Follow up phone calls and questions will be fielded under this task.

4-2 Meeting with Irrigation Water Users

Plan, organize and facilitate a meeting with the large irrigation water users/irrigation companies in the County. This meeting will discuss the purpose of the master plan and process to be used to collect data and analyze the data. The meeting will also be used to emphasize the importance of working together to manage Cache Valley groundwater resources. Input and questions will be collected at this time. Receive input from the group on how they want the collected data to be presented.

Outcomes from the study will be presented after the plan is complete during the County Council Meeting listed under Task 1-4. Follow up phone calls and questions will be fielded under this task.

4-3 Develop Water Transfer Ideas

Develop water transfer strategies to facilitate the transfer of water from one use to another use as growth continues in the County. These strategies will provide direction for municipalities, developers and agricultural entities to follow as transfer of water rights occurs. Meet with the County to review the water transfer strategy ideas.

4-4 Discuss Ideas for the Transfer of Bear River Irrigation Rights to Groundwater Rights

Currently irrigators with surface water rights along the Bear River use water at 25% of the power cost from Rocky Mountain Power for their pumps. Hold a meeting with Rocky Mountain Power to discuss the option of utilizing those water resources more efficiently while maintaining cost savings that exists under the current situation.

Task 5 Analysis

5-1 Evaluate Water System Improvements and Strategies

Evaluate regional water system improvements and strategies to make more efficient use of the available water resources in the County at a conceptual level. Improvements and strategies that will be evaluated include:

- Water Use based on Quality (Culinary sources not being used for irrigation)
- Water System Interconnects (Cooperative Water Operating Agreements)
- Aquifer Storage and Recovery
- Secondary Water Distribution Systems
- Water Measurement
- Conservation
- Water Treatment
- Water Reuse
- Water Banking / Water Marketing

Improvements and strategies will be based on the projected regional improvements in the County and will not focus on improvements within communities.

5-2 Evaluate Energy Efficiency Opportunities

Identify opportunities to change how water is managed in an effort to use less energy. Develop an assessment of energy usage now and in the future to understand the cost savings

that could be available if opportunities for hydro and solar were incorporated throughout the County. Evaluate the water sources and identify possible situations where municipalities could use more water that comes from the canyons for a gravity system so they don't have to rely on pumps to run the entire system. Water conservation methods will be explored including addressing seepage of the canals and the use of more secondary water in order to preserve important culinary water during peak summer months. Identifying possible situations where municipalities could use more water that comes from the canyons for a gravity system so they don't have to rely on pumps to run the entire system.

5-3 Analyze Development of the Bear River Water Resource

Estimate when an increase in Bear River water resources will be needed in Cache County. Provide recommendations for how to develop the 60,000 acre feet per year of surface water from the Bear River that has been allocated to Cache County under the Bear River Development Act. Provide ideas for how the County should work with the State and with water users on the Wasatch Front to develop the Bear River Water. Identify what the County may be required to contribute financially as the Bear River is developed.

5-4 Investigate Options for Future Management of Water

Provide examples from 2 or 3 other regions that have created water management agencies or have used counties government for regional water management. Provide information on what has worked well and what has been problematic for those examples along with information on how water development is funded in those regions.

5-5 Identify Environmental Concerns and Endangered Species

Provide a general summary of the environmental concerns relating to the identified water resource projects that exist in Cache Valley. Provide a list of endangered species in Cache Valley. This master plan will identify the general concerns that should be investigated further and addressed when to start the design of an improvement project.

5-6 Prepare Conceptual Opinions of Probable Cost

Prepare conceptual opinions of probable costs to complete the evaluated water system improvement projects. Include costs that would likely be paid for by citizens if projects were constructed to improve water efficiency and delivery in the future.

5-7 Develop a Plan to Fund System Improvements

Research available grant and low interest loan opportunities to fund improvement projects. Provide information with regards to what grants and loans are available and the requirements that must be met to be eligible for those grants and loans.

5-8 Create a Schedule for System Improvements

Prepare a prioritized schedule to implement the improvements based on the identified funding opportunities and the high priority needs.

Task 6 Compile Master Plan

6-1 Prepare Written Master Plan

Prepare a written water master plan report including maps, tables, and figures to; document the process followed to create the plan, give the results of the water supply and demand calculations, document the public process followed and the results of the process, document

the steps followed and the results for each of the steps completed in the analysis, provide recommendations for how to retain and manage water in Cache County, and provide recommendations for future water studies such as hydrogeological models and groundwater studies.

6-2 Revisions to Master Plan after Review with County

Make changes to the draft report and recommendations as needed after receiving input from the County personnel and the County Council.

• Tasks and Schedule.

The results and findings from Tasks 1 through 6 will be presented to County Staff and County Council through a series of workshops as the work progresses. These presentations will be kept and maintained as appendices to the SOR report. The final report will essentially be an executive summary as well as a detailed planning report summarizing and highlighting key findings and recommendations from each task and workshop. This report will be used to guide implementation of the plan and preliminary and final design of the required recommended improvements. The following is the outlined schedule:

Table 2 Schedule for Scope of Work

SCHEDULE																	
Month		Jul-11	A	S	O	N	D	Jan-12	F	M	A	M	J	J	A	S	
TASKS																	
PROJECT MEETINGS / REPORTING																	
1	Kickoff Meeting																
2	Progress Milestone Meetings																
3	Plan Review Meetings																
4	County Council Presentation																
5	Quarterly Project Reports																
EXISTING WATER SUPPLY																	
6	Compile Water Resource Data																
7	Map Water Sources																
8	Summarize Water Rights Associated with Resources																
WATER DEMANDS																	
9	Estimate Existing Municipal and Industrial Demands																
10	Estimate Existing Agricultural Water Demands																
11	Estimate Existing Residential Water Demands in Unincorporated Areas																
12	Estimate Future Water Demands																
13	Forecast Groundwater Supply Usage																
14	Create a Water Supply/Demands Summary Table																
PUBLIC PROCESS																	
15	Meeting with Municipal Water Users																
16	Meeting with Irrigation Water Users																
17	Develop Water Transfer Ideas																

systems as part of the anticipated costs. Regional improvement projects will evaluate the need to pipe or line canals in the future. Routing of the canals and materials use to improve or construct new canals/transmission systems will be addressed in the Plan.

- 3) Describe how the proposed SOR will address the potential to improve water management, including an estimate the amount of water that you believe could be better managed in acre feet and as a percent of the average annual supply. Based upon the information in Table 1 above, many communities have surplus water projecting forward to 2050. Many others have deficiencies. Through this planning process, communities will be educated on how to best manage those resources by allowing surplus water from one community help address a deficit in another. This plan will be the foundation of that management process.
- 4) Discuss any known water management-related issues that will be investigated in the proposed SOR, including for example, whether you will:
 - Examine water measurement capabilities
 - Evaluate the schedule of deliveries
 - Identify water management tools that will be considered (e.g., Supervisory Control and Data Acquisition [SCADA], gate automations, or evapo-transpiration [ET] controllers)

This Plan will include capital improvement projects that will better manage the water resources in the valley. Conceptual designs and opinions of cost will include technology to measure water and control it. This will ultimately provide a highly efficient level of water management.

Subcriterion No. A2—SOR Scope

Describe the geographical scope of the proposed SOR.

The study area for Cache County is made up of 1173-sq. miles and includes 54 irrigation Companies and 23 incorporated cities. The collaboration of each of these groups will be requested and documented within the SOR. An examination of the entire system will be done to accomplish the task of planning for better utilization of the Bear River and the water allocated to the County. In the past, pressure from DWR to move water to areas where it is in short supply or will be within the next few years has put the County's water for the future at risk. With development of this plan the County will be able to demonstrate the future water needs of the County, helping to ensure that water opportunities will be available to them when they need it.

Evaluation Criterion B: Energy-Water Nexus

Subcriterion No. B1—Potential for Renewable Energy Components

- 1) How the SOR will address renewable energy systems in your operation.

An evaluation of the entire County's water systems and their energy usage will be addressed within the SOR. From this information it is anticipated that a better understanding of the cost savings that could be available if opportunities for hydro, solar, and wind energy were incorporated throughout the County. Within this evaluation the SOR will also identify possible situations where municipalities could use more water that

comes from the canyons for a gravity system so they don't have to rely on pumps to run the entire system.

- 2) Whether the SOR will address steps necessary to proceed with construction or installation of renewable energy components, including discussion of any necessary permits.
The SOR will prioritize projects and give direction for construction opportunities.
- 3) Extent to which the SOR will result in estimates of the quantity of energy to be generated and the expected energy efficiency of a renewable energy system.
At this time the SOR will do a limited study of the estimated amount of energy that could be generated or saved if opportunities for hydro, solar and wind energy were introduced into the overall water systems of the County.
- 4) Whether and how the SOR will address expected environmental benefits of a renewable energy system.
We anticipate a number of environmental benefits if hydro, solar, or wind energy are introduced in to the overall system however we will not be specifically addressing these benefits.
- 5) Whether the SOR will address expected reduction in the use of energy currently supplied through a Reclamation project.
At this time we will not be addressing this particular issue.
- 6) How the SOR will determine potential beneficiaries of the renewable energy system.
The County will address and evaluate the water sources, identifying possible situations where municipalities or canal companies could feasibly benefit from a renewable energy opportunity

Subcriterion No. B2—Potential to Increases Energy Efficiency through Other Water Management Improvements

Please describe the steps that will be taken to investigate the potential for energy efficiency improvements in the study area, including energy savings from any water conservation improvements.

An evaluation of the entire County's water systems and their energy usage will be addressed within the SOR. Water conservation methods will be explored as part of this plan including addressing seepage of the canals and the use of more secondary water in order to preserve important culinary water during peak summer months. Thus, allowing for less pump time within the culinary systems across the entire County. Along with this the County will identify possible situations where municipalities could use more water that comes from the canyons for a gravity system so they don't have to rely on pumps to run the entire system.

Evaluation Criterion C: Addressing Endangered Species Concerns

Within the Bear River Basin there are seven (7) Federal endangered or threatened species listed. However this project will take in only a small area of the Bear River Basin and the species listed are not necessarily in Cache County. This project will only include non-destructive data collection, inventory, study, research and monitoring activities therefore the SOR will only take a glancing view of any likely impacts as it evaluates the seepage losses of the canals. In this SOR the County has a limited budget to investigate this however it will be documented within the plan

that any projects that are constructed should evaluate the impacts and benefits the project could have on the endangered species of the area.

Evaluation Criterion D: Other Contributions to Water Supply Sustainability

- Is the river, aquifer or other source of supply over-allocated?

The County is not really sure at this point. The County wants to understand this issues better therefore it is listed as one of the goals of the SOR. In other plans that have been prepared it is indicated that the allocation of 60,000 acre-feet of water from the Bear River may not be enough for the future growth of Cache County. If this is the case the County wants to understand its options before it is too late.

- Is there frequently tension or litigation over water in the basin?

Yes, with the passing of the “Bear River Development Act (Act),” a mandate requiring the Division of Water Resources (DWR) to “develop the surface waters of the Bear River and its tributaries” was enacted. This Act states that “through planning and construction of reservoirs and associated facilities... the DWR is authorized to own and operate the facilities constructed and market the developed water.” The Act allocates 220,000 acre-feet of water to be distributed to the Jordan Valley and Weber Basin Water Conservancy Districts (50,000 acre-feet each), Bear River Water Conservancy District (60,000 acre-feet) and water users in Cache County (60,000 acre-feet). The act was passed over a decade ago and the pressure to move forward with the DWR plans is being sought by both the Jordan Valley and Weber Basin Conservancy Districts where growth is high. These districts have initiated the purchase of a water treatment plant site and right-of-way to construct a conveyance system southward through Weber and Davis Counties to Salt Lake County. The tension has been coming from the pressure to allocate additional water that is currently not being used or planned for by Cache County to Jordan River or Weber Basin.

- Are there endangered species within the basin or other factors that may lead to heightened competition for available water supplies among multiple water uses?

The County is not aware of any at this time.

Additional project benefits may include, but are not limited to, the following:

- 1) Will the proposed SOR address specific concerns (e.g. water supply shortages due to climate variability and/or heightened competition for finite water supplies)?

Yes, they will be addressing better utilization of all the water throughout the entire County and how to show beneficial use of the future 60,000 acre-feet of water from the Bear River. Along with this an investigation for improvements and ways to reduce interruptions of the water supplies within the County are part of the overall vision of the SOR.

- 2) Does the project promote and encourage collaboration among parties?

The project is wide spread taking in 20 municipalities and 54 canal companies with over 1173 sq-miles. The County will make every effort within the SOR to develop the collaboration

of each of these groups and will request cooperation and opportunities to share water resources where practical.

- 3) Will the project increase awareness of water and/or energy conservation and efficiency efforts?

Yes, conservation efficiency is a major part of the project planning. The team will look at a number of ways to conserve including projects that reduce seepage, exchange culinary water for secondary water, recharge ground water and opportunities for exchanging water.

Evaluation Criterion E: Water Marketing

Currently within the state of Utah, there are no known water marketing opportunities. However, because water marketing is becoming more known and increasingly innovative in other areas, Cache County will be investigating the possibilities under Utah's laws. They will investigate and plan for the ability to exchange higher quality water, currently used for watering lawns, cleaning driveways and gutters, and irrigating gardens, for lower quality water. Options to purchase water during dry periods, water leasing, agricultural water transfer, and water banking are important to this plan. Also within this project Cache County plans to do an aquifer storage and recovery investigation (ASR) in order to evaluate this types of opportunity. Planning and developing ASR would allow County water managers to use the area's principal aquifer as a subsurface reservoir, allowing for more efficient management of water resources and implementation of water banking procedures.

ASR allows for the efficient storage of water in the subsurface, while preventing losses from evaporation that occur with surface reservoirs. Excess spring runoff can augment ground-water resources through artificial ground-water recharge as part of one or more ASR projects. The Utah Division of Water Rights states that lands coming out of production are in danger of forfeiture of associated water rights within seven years of nonuse. As agricultural lands are redeveloped for other purposes, ground-water rights are forfeited due to nonuse. ASR would allow Cache County to secure the water rights through water banking before they are forfeited to other entities.

There are a number of areas within the County that would lend themselves to successful ASR opportunities that could prove beneficial to Cache County and its utilization and conservation efforts. Some potential partners we will be contacting and including in our planning would include but is not limited to:

Board of Water Resources	Bear River Water Users Association
Division of Water Rights	Department of Natural Resources
Division of Wildlife Resources	Department of Environmental Quality
Utah Water Research Laboratory	Division of drinking water
All Canal Companies within the County	All Communities within the County

Evaluation Criteria F: SOR Planning

Subcriterion No. F1—Methodology

- ✓ Gathering information
 - Hold a project kickoff meeting with the J-U-B project team members and County personnel to be involved with the project. The project approach will be reviewed and

methods to collect and share data (i.e. Geographic Information Systems) from the County will be identified. Review sources and share contacts that will be used to collect data from other agencies. Discuss who should attend and participate in the project milestone meetings as stakeholders.

- Plan, organize and facilitate a meeting with the municipal water entities in the County. Representatives from each of the cities and water districts in Cache County will be invited to come to the meeting. City mayors, council members assigned over water, water operators and possibly planning commissioners will be invited from each of the cities. This meeting will discuss the purpose of the master plan and process to be used to collect and analyze the data. The meeting will also be used to emphasize the importance of working together to manage water resources. Input and questions will be collected at this time. Hold a similar meeting with the large irrigation water users/irrigation companies in the County. Follow up phone calls and questions will be fielded. Outcomes from the study will be presented after the plan is complete during the County Council Meeting.
- Estimate municipal, industrial and residential irrigation water demands for each water purveyor in the County from the annual water audit submitted to the Division of Water Resources. These demands will be compared with the water use data given by the Utah Division of Water Resources in the 2004 Bear River Basin Report. A table will be created to compare the data from the two sources. Population changes from the Bear River Basin Report to 2010 will be accounted for in this comparison.
- Calculate the estimated existing agricultural demands by using the irrigation duty outlined by the Division of Water Rights. This analysis will be completed in GIS. Compare the calculated irrigation demand to the estimates provided in the 2004 Bear River Basin Report. A table will be created to compare the two data sources. Compare the calculated demands to the available flow that has been recorded in the annual river reports.
- Estimate existing residential water demands in unincorporated areas based upon the per capita or per connection demands determined in the water purveyors. The Envision Cache Valley Report population information will be used to define the total existing demand.
- Use population projections from the Envision Cache Valley Report to assign future populations to each of the communities within the County for year 2040. These projections will be used to predict demand using existing demand per capita or connection. The existing agricultural demands will be converted to future municipal demands based on the Envision Cache Valley growth projections for each community in the County. Based upon future demands, an estimate of the year that each community in Cache County will have needs beyond their existing rights will be determined.

✓ Identifying issues and priorities

- Gather information with regards to key water issues and priorities during the meetings with the representatives of each of the municipal water entities and the irrigation companies. Follow-up phone calls and interviews with some of the representatives will be carried out for those who cannot be contacted during the meetings.
- Hold four project milestone meetings with the County and project stakeholders to discuss key issues and priorities.

✓ Setting goals

- Review results of the water system improvement strategies and analysis with County personnel and stakeholders at project progress meetings.
 - Rank water system improvement needs during stakeholder meetings and set goals as a group.
- ✓ Identifying and evaluating potential improvements
- Compare existing and future available water resources with existing and projected water demands throughout the County.
 - Identify regional areas with existing or projected water deficiencies.
 - Evaluate regional water system improvements and strategies to make more efficient use of the available water resources in the County. Improvements and strategies that will be evaluated include:
 - a. Water Use Based on Quality (Culinary sources not being used for irrigation)
 - b. Water System Interconnects (Cooperative Water Operating Agreements)
 - c. Aquifer Storage and Recovery
 - d. Secondary Water Distribution Systems
 - e. Water Measurement
 - f. Conservation
 - g. Water Treatment
 - h. Water Reuse
 - i. Water Banking/Water Marketing

Improvements and strategies will be for regional improvements in the County.
 - Prepare a list of pros and cons associated with each of the improvement strategies and rank improvement options for each of the potential improvement projects. This evaluation will be based on potential impacts to the environment, constructability of the projects, conceptual cost estimates to complete the projects, potential social impacts and perceived benefits based on stakeholder input. All plans and estimates for this study will be conceptual.
- ✓ Creating a plan of action for implementing the improvements identified
- Research available grant and low interest loan opportunities to fund improvement projects. Provide information with regards to what grants and loans are available and the requirements that must be met to be eligible for those grants and loans.
 - Prepare a prioritized schedule to implement the improvements based on the identified funding opportunities and the high priority needs.
 - Provide pros and cons of potential water management agencies such as a special services district or using the county government for regional water management. Include estimates of the costs associated with operating the agency.
- ✓ Developing an SOR Report
- Prepare a written report including maps, tables, and figures to; document the process followed to create the plan, give the results of the water supply and demand calculations, document the public process followed and the results of the process, document the steps followed and the results for each of the steps completed in the analysis, provide recommendations for how to retain and manage water in Cache County.

Subcriterion No. F2—Personnel Qualifications

JUB Engineers Inc. is the consultant on this project, has written the grant, and will prepare the SOR.

The consultant, JUB Engineers Inc., was selected over five years ago as the Engineer of Record through a request for proposal process. With over 40 years of water system, modeling & master planning experience. J-U-B has become a leader in Northern Utah in the areas of water system modeling, planning, and design. As an example, they have done modeling and master planning of secondary water systems for major portions of both Davis and Utah counties in Utah.

J-U-B personnel have provided civil engineering services in Northern Utah for over 20 years and have worked with over 25 different municipalities in Utah. They have offices and resources located in over nine (9) cities throughout the Intermountain West. These multiple locations are all linked electronically and aid in the management and performance of work tasks. Their team includes four highly experienced water system modelers and planners in their local offices. They have highly skilled GIS experts and numerous water system managers throughout the state who are currently using J-U-B developed GIS software to manage their systems. (Please see Attachment B for the Team Resumes)

Subcriterion No. F3—Readiness to Proceed

Cache County is ready to proceed forward they have developed a comprehensive plan and anticipate that the project will take them approximately 14 months to complete the planning project. They have set milestones for progress meeting and stake holder meeting. Please see Table 2 Schedule for Scope of Work on page 19.

Evaluation Criterion G: Connection to Reclamation Project Activities

- 1) In what way is the proposal connected to Reclamation project activities?
The Bureau owns the Hyrum Dam and Reservoir, Hyrum/Wellsville/Mendon Canal, and the Wellsville Canal which are located in Cache County and provide irrigation water to many residents within the County. As part of the Bear River Development Plan, the expansion of Hyrum Reservoir has been identified as a potential water development project. Use of the irrigation water from Hyrum Reservoir may also be used to provide additional pressure irrigation systems to communities along the canal service area. The SOR will be addressing these opportunities.
- 2) Does the proposed SOR involve Reclamation project water?
Yes, Hyrum Reservoir, Hyrum/Wellsville/Mendon Canal, and Wellsville Canal.
- 3) Will the SOR address Reclamation facilities or Reclamation project lands?
Yes.
- 4) Is the proposed SOR in the same basin as a Reclamation project or activity?
Yes.
- 5) Will the proposed SOR potentially benefit a basin where a Reclamation project is located?

Yes, this project will allow the users of the BOR projects to use the water more efficiently through potential pressure irrigation projects.

Environmental and Regulatory Compliance

- 1) Will the project impact the surrounding environment (i.e., soil [dust], air, water [quality and quantity], animal habitat, etc.)? This project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 2) Are you aware of any species listed or proposed to be listed as a Federal endangered or threatened species, or designated Critical Habitat in the project area? Within the Bear River Basin there are seven (7) Federal endangered or threatened species listed. However this project will take in only a small area of the Bear River Basin and the species listed are not necessarily in Cache County.
- 3) Are there wetlands or other surface waters inside the project boundaries that potentially fall under Federal Clean Water Act jurisdiction as “waters of the United States?” This project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 4) When was the water delivery system constructed? Because we are studying such a large number of systems in order to evaluate the best way to utilize all of the County’s water sources it is difficult to say when all of the water delivery systems were constructed.
- 5) Will the project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? This project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 6) Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? There are no known buildings, structures, or features of the system, which are part of this project, that are currently listed or eligible for listing on the National Register of Historical Places.
- 7) Are there any known archeological sites in the proposed project area? This project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 8) Will the project have a disproportionately high and adverse effect on low income or minority populations? No, this project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 9) Will the project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands? No, this project will only include non-destructive data collection, inventory, study, research and monitoring activities.
- 10) Will the project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area? This project will only include non-destructive data collection, inventory, study, research and monitoring activities.

Required Permits or Approvals

No permits will be required at the planning stage. This project will only include non-destructive data collection, inventory, study, research and monitoring activities.

Funding Plan and Letters of Commitment

In order to plan comprehensively and adequately, this project will require the assistance of consulting experts to guide the County, cities, canal companies, staff, and public groups through this process. Over the past few years funds have been set aside to put this plan together. However, the pressure to have a plan ready to submit to DWR has been ramping up this past year because of the approaching DWR deadline to start developing Bear River Water facilities by 2015. The following will describe how the non-Reclamation share of the project costs will be obtained:

- Cache County: \$55,159 Cash – General reserve fund
- Cache County: \$3,500 Cash – Previously expended for preparation of the scope of work and grant application for the Plan.
- Utah Division of Water Resources: \$20,000 (*See Attachment C For Letter of Commitment*)

The funding plan must include all project costs, as follows:

- 1) How you will make your contribution to the cost share requirement, e.g. monetary and/or in-kind contributions and source funds contributed by the applicant?
Source of funding will be coming from a special reserve fund Cache County has established to be used for projects such as this. This project will be funded with \$55,000 cash from Cache County.
- 2) Describe any in-kind costs incurred before the anticipated project start date that you seek to include as project costs. The description of these costs shall include:
 - a) What project expenses have been incurred
Costs were incurred for preparation of the scope of work, funding application and needed maps for the Plan.
 - b) How they benefitted the project
The application process has further refined the scope of work that will be completed in the plan and the approach to gathering information, evaluating the situation and reporting the results.
 - c) The amount of the expense
\$3,500
 - d) The date of cost incurrence
January 2011 – May 2011
- 3) Provide the identity and amount of funding to be provided by funding partners, as well as the required letters of commitment.
Utah Division of Water Resources: \$20,000 (*See Attachment C for Letter of Commitment*)
- 4) Describe any funding requested or received from other Federal partners.
N/A
- 5) Describe any pending funding requests that have not yet been approved, and explain how the project will be affected if such funding is denied.
N/A

Table 3 Summary of Non-Federal and Federal Funding Sources

Funding Source	Funding Amount
Non-Federal Entities	
1 Cache County	58,659.00
2 DWR	20,000.00
3	
4	
5	
Non-Federal Subtotal:	78,659.00
Other Federal Entities	
1	
2	
3	
Other Federal Subtotal:	0.00
Requested Reclamation Funding:	78,659.00
Total Project Funding:	

Official Resolution

The official resolution will be submitted within 30 days.

Budget Proposal

Budget Proposal Format

BUDGET ITEM DESCRIPTION	COMPUTATION		RECIPIENT FUNDING	RECLAMATION FUNDING	TOTAL COST
	\$/Unit	Quantity			
SALARIES AND WAGES	None				
<i>None to be provided separate from the contractual work</i>					
FRINGE BENEFITS	None				
<i>None to be provided separate from the contractual work</i>					
TRAVEL	None				
EQUIPMENT	None				
<i>None to be provided separate from the contractual work</i>					
SUPPLIES/MATERIALS	None				
<i>None to be provided separate from the contractual work</i>					
CONTRACTUAL/ CONSTRUCTION					
Funding Specialist	123.00	72	4428.00	4428.00	8,856.00
Project Manager	161.00	232	18676.00	18676.00	37,352.00
Project Engineer	126.00	360	22680.00	22680.00	45,360.00
Quality Control	172.00	69	5934.00	5934.00	11,868.00
Public Involvement Coordinator	119.00	63	3748.50	3748.50	7,497.00
EIT	80.00	361	12,690.00	14440.00	28,880.00
GIS	114.00	49	2793.00	2793.00	5,586.00
Clerical	53.00	90	2385.00	2385.00	4,770.00
Intern	55.00	44	1210.00	1210.00	2,420.00
ENVIRONMENTAL AND REGULATORY COMPLIANCE	None				
OTHER					
Previous Expenditures as of July, 2010			3,500.00		3,500.00
REPORTING					
<i>Funding Specialist</i>	123.00	10	615.00	615.00	1,230.00
CONTINGENCY	None				
TOTAL DIRECT COSTS			78,659	78,659	157,319
INDIRECT COSTS - %					
TOTAL PROJECT COSTS			78,659	78,659	157,319

Budget Narrative Format

Salaries and Wages

All will be indicate in the Contractual portion of the project.

Fringe Benefits

All will be indicate in the Contractual portion of the project.

Travel

No travel will be required for this project.

Equipment

No Equipment will be required for this project.

Materials and Supplies

No material or supplies will be required separately from the contractual on this project.

Contractual

JUB was selected over five years ago as the Engineer of Record by a request for proposal process. With over 40 years of water system, modeling & master planning experience. J-U-B has become a leader in Northern Utah in the areas of water system modeling, planning, and design. As an example, they have done modeling and master planning of secondary water systems for major portions of both Davis and Utah counties in Utah. JUB's team includes four highly experienced water system modelers and planners. They have highly skilled GIS experts and numerous water system managers throughout the state who are currently using J-U-B developed GIS software to manage their systems. All cost have been determined to be fair and reasonable by Cache County.

J-U-B personnel have provided civil engineering services in Northern Utah for over 20 years and have worked with over 25 different municipalities in Utah. They have offices and resources located in over nine (9) cities throughout the Intermountain West. These multiple locations are all linked electronically and aid in the management and performance of work tasks. Their team includes three (3) highly experienced water system modelers and planners in their local Logan City office.

The following will participate in the development of the SOR project:

Zan Murray – Project Manager (232 hrs)
Chris Slater – Project Engineer (360 hrs)
Ross Wilson – Quality Control (69)
Trevor Datwyler – EIT (361)
Cindy Gooch – Funding Specialist (82 hrs)
Kasey Hansen – GIS Specialist (49 hrs)
Carri Hulet – Public Involvement Specialist (63 hrs)
Clerical (90 hrs)
Intern (44 hrs)

	Project Manager	Project Engineer	Quality Control	EIT	Funding Specialist	GIS Specialist	P.I. Specialist	Clerical	Intern
	Zan Murray	Chris Slater	Ross Wilson	Trevor Datwyler	Cindy Gooch	Kasey Hansen	Carri Hulet		
Hourly Billing Rate	\$161.00	\$126.00	\$172.00	\$80.00	\$123.00	\$114.00	\$119.00	\$53.00	\$55.00
Composite Direct Labor Rate	\$48.79	\$38.18	\$52.12	\$24.24	\$37.27	\$34.55	\$36.06	\$16.06	\$16.67
Overhead	\$25.82	\$20.24	\$27.62	\$12.85	\$19.75	\$18.31	\$19.11	\$8.51	\$8.83
Fringe Benefits	\$30.39	\$23.78	\$32.46	\$15.10	\$23.21	\$21.51	\$22.46	\$10.00	\$10.38
Indirect Labor	\$39.63	\$31.02	\$42.34	\$19.69	\$30.28	\$28.06	\$29.29	\$13.05	\$13.54

Reporting

Cindy Gooch the Funding Specialist will use ten (10) hours to complete the quarterly Federal Financial Reports, Reimbursement requests (SF270), Semi-annual Project Performance Report as well as prepare all other required reports.

Other

None associated with this planning project.

Indirect Costs

None associated with this planning project.

Contingency Costs

None associated with this planning project.

Total Cost

Cache County	\$ 58,659
DWR	\$ 20,000
<u>BOR</u>	<u>\$ 78,659</u>
Total	\$157,316

Budget Form

In addition to the above-described budget information, the applicant must complete an SF-424A, Budget Information—Non-construction Programs. Forms are available at <http://apply07.grants.gov/apply/FormLinks?family=15>.