

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Bear River	Acme Water Co. (Bear River City)	FALSE	FALSE	data source: 2015 WR data form; did not adopt WRe pop (1,450); commercial use suspect; almost 10X 2010 use; data source: 2010 WRe survey; split commercial use into CII; assumed institutional and industrial used have not changed since 2010;	X	X			X	
Bear River	Amalga Town Water System	FALSE	FALSE	data source: 2015 Water Rights form; indicated no secondary water use; reported no institutional use for town hall, city park and church; data source: 2010 WRe survey; estimated 1.5 ac-ft institutional use for 3 connections; estimated secondary use;		X			X	
Bear River	Bear River Water Conservancy District - Riverside-North Garland	FALSE	FALSE	data source: phone call with VJ; Wholesale only; no M&I connections; delivered 35.6 ac-ft to Riverside/North Garland water system; delivered 4.02 ac-ft to Ukon Water Company;						X
Bear River	Bear River Water Conservancy District - Tremonton (Bothwell Well)	FALSE	FALSE	Note: 2015 BRWCD split into systems that are consistent with Drinking Water systems; data source: 2015 WR data form; reported pop = 148; rounded to 150; Box Elder County Roads added to institutional use; data source: phone call with VJ;		X				
Bear River	Bothwell Town Water System	FALSE	TRUE	Nothing reported with WR since 2002; data source: 2010 WRe survey; assumed no change; used 2010 estimated values; data source: WRe population estimate = 340; Drinking Water pop estimate = 450 with 114 residential connections; used WRe population estimate;			X			
Bear River	Cedar Ridge Distribution Co.	FALSE	TRUE	nothing reported to WR in 2015; data source: 2014 WR data; assume no change; residential - 32 connections, 42.23 ac-ft use; commercial - 1 connection, .40 ac-ft use; no institutional or industrial use; no indication of secondary water use; data source: 2015 Drinking Water; reported population = 100 with 30 residential connections and 1 commercial connection;			X			
Bear River	Clarkston Town Water System	FALSE	FALSE	data source: 2015 WR data form; incomplete; water in this community is only estimated from the master meter; provided total number of connections - 6; didn't indicate what type of connection; indicated no secondary water use; estimated 5 acres of institutional use; data source: 2013 DW database; 250 residential connections, 2 commercial connections; assumed institutional connections were included with residential; data source: 2010 WR survey; used 2010 data; assumed community had not changed since 2010;		X		X		
Bear River	Corinne City	FALSE	FALSE	data source: 2015 WR data; unmetered cemetery and parks= 5 acres; CII reported together as commercial use; data source: 2010 WRe survey; split commercial use into commercial, institutional, and industrial; assumed no change in proportions;		X		X		
Bear River	Cove Waterworks	FALSE	FALSE	Same as South Cove Water Works Company in WR and DW databases; same contact person - Randy Larsen; data source: 2015 WR form for Cove Water Works Company; will not adopt WRe pop (50); indicated no unmetered institutional use; pressurized secondary water provided to 100% residents; assume system unchanged since 2010; data source: 2010 WRe survey; institutional use (church) reported with residential use; institutional use estimated ~.4 ac-ft - subtracted from res. use;		X			X	
Bear River	Deseret Land and Livestock, Inc.	FALSE	FALSE	data source: 2016 phone call with Mike Meek; 7 residences, 1 office; use not metered; assume use equal to source meter on well: 7191800 gal, includes tank replacement and system change where there was overflow occurring; therefore, estimated use; assumptions: irrigated lot size - .33 acres, ET - 24.00, 61 gallons indoor use per person per day				X		
Bear River	Deweyville Town	FALSE	TRUE	Submitted blank 2015 WR data form; data source: msg from Nate Spackman: WRe pop est. (380) too high; use 350; system hasn't changed except 120 res connect; data source: 2010 WRe survey estimates; increased residential use proportional to increase in population (350/325);				X		
Bear River	Garden City	FALSE	FALSE	data source: 2015 WR data form; Used system population estimate 567 person; rounded to 570 persons; indicated there is unmetered institutional use, no estimate on acres served; moved some 2010 commercial use to residential use in 2014; data source: 2010 WRe survey; secondary water use - 3 ac-ft; estimated institutional use at 7.7 ac-ft; adjusted 2015 commercial and institutional use to reflect this estimated use;				X	X	
Bear River	Garland City Water System	FALSE	TRUE	Submitted blank 2015 form; data source: 2014 WR data; use and connection values; increased residential use proportional to increase in population; all CII use reported as commercial use; split proportional to 2010; assumed no change from 2014; secondary water use data source: 2010 WRe survey;			X			

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Bear River	Goasland Spring Water Works Co.	FALSE	TRUE	data source: Water Rights database; report the essentially the same every year since 1977 - 2009; WR system flagged as an inactive system; reported 1 dairy (industrial) user; several stockwatering (industrial) users; 1 church (institutional) user; spring is not metered; use is estimated; estimated 80% have access to secondary water for irrigation; Goasland [sic] Spring Water Works Co WR 25-5321 (Hy Bair Spring). 5 cfs (27.51 ac-ft); estimated dairy use: assumed 55 cows at 14 gal/day ~ 280,000 gal/year (9 ac-ft); data source: 2010 WRe survey;			<b>X</b>			
Bear River	Hyde Park City Water System	FALSE	FALSE	data source: 2015 Water Rights data form; will not adopt WRe pop (4380); indicated 24 acres of unmetered institutional use; indicated pressurized secondary irrigation provided; use data suspect; suspect meter reading errors; data source: 2014 WR data, increased proportional to number of connections;	<b>X</b>			<b>X</b>	<b>X</b>	
Bear River	Hyrum City	FALSE	FALSE	data source: 2015 WR data form; indicated 33.5 acres of unmetered institutional use; secondary water supplied by city, 2 pressurized systems, and the same two companies with ditch delivery; the proportions between companies are not provided; used 2010 survey to estimate secondary water use; estimated 80% residents use secondary water; and 50 acres of institutional land are irrigated with secondary water;				<b>X</b>		
Bear River	Laketown	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe pop (270); reported 2 Mgal institutional use with 0 connections; changed to 1 connection; added reported 3 acres of unmetered institutional use (estimated as secondary use in 2010); data source: 2014 WR data; between 2014 and 2015 lost 3 institutional connections and 8 stock connections; assume institutional included with commercial;		<b>X</b>		<b>X</b>	<b>X</b>	
Bear River	Lewiston City	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe pop (1770);					<b>X</b>	
Bear River	Mantua Town Water System	FALSE	TRUE	No data submitted 2015; no response from contact attempts; use WRe population = 680 data source: 2010 WRe survey; assume system has not changed significantly since 2010 when population = 690;			<b>X</b>			
Bear River	Mountain Meadow Improvement District	FALSE	TRUE	system not listed in WR database; data source: 2013 DW reported data; pop = 80; res connections = 22; system did not change between 2010 and 2013; data source: WRe 2010 survey; no secondary water water use; no meters; use is estimated; data source: phone conversation; full-time pop = 80; part-time students = 100; estimated residential use = 11.7 ac-ft; estimated institutional use = 4.6 ac-ft (tech school & park);			<b>X</b>			
Bear River	Perry City	FALSE	FALSE	data source: 2015 WR data form; did not copy WR data because data entry error - changed WR data to Kgal; indicated no unmetered institutional use; data source: 2010 WRe survey; estimated institutional use for schools, municipal offices at 9.2 ac-ft culinary and 110.4 ac-ft secondary;	<b>X</b>			<b>X</b>		
Bear River	Plymouth Town Water System	FALSE	FALSE	data source: 2015 WR data form; indicated no secondary use; data source: 2010 WRe survey; estimated unmetered institutional use 2.5 acres; data source: R. Baskin, USGS golf, Camper World golf course using secondary water;				<b>X</b>		
Bear River	Richmond City Water System	FALSE	FALSE	Note: reported values drastically different than past years; data source: 2015 WR data form; reported 50 acres unmetered institutional area; residential use down by 150 - 200 ac-ft; not reported "other" use; no reported "stock" use; unmetered use down by half; sold wholesale water to Cherry Peak Resort (added to reported commercial use); 55.4+22.7=78.1 ac-ft; Note: starting in 2016 all irrigation will be pressurized;	<b>X</b>	<b>X</b>		<b>X</b>		
Bear River	River Heights City	FALSE	FALSE	data source: 2015 WR data form; unmetered institutional area - 6 acres;				<b>X</b>		
Bear River	Riverside-North Garland Water Co.	FALSE	TRUE	Nothing reported to Water Rights since 2007; data source: WRe 2015 population estimate (1200); data source: 2010 WRe survey; increase residential use proportional to increase in population; assume CII use has not changed from 2010; assumed 1 institutional connection; data source: 2014 DW survey; 421 residential connections; 2 commercial connections; 3 industrial connections;			<b>X</b>			

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Bear River	Smithfield City	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe pop (10800); indicated there is unmetered institutional use = 0 acres; estimated at 15 acres; commercial use reported in hundred gallons; adjusted to gallon units; industrial reported in ten gallons; adjusted to gallon units;	<b>X</b>			<b>X</b>	<b>X</b>	
Bear River	Sunset Park Water Co.	FALSE	FALSE	data source: 2016 phone conversation with Blaine Anderson; population = 44; 14 residential connections; reported there is no secondary water use; data source: DWRe estimated use; assume 1/4 acre lot; 24 inches of water; indoor water use is 61 gpcd; calculated use is 10.23 ac-ft per year; 2.73 ac-ft per year indoor and 7.5 ac-ft per year outdoor; no other use was identified;				<b>X</b>		
Bear River	Town of Portage	FALSE	FALSE	2015 WR data form incomplete and unreliable; reported no use for 97 residential connections and 3 gallons use for 0 commercial connections; data source: phone call with Cyndi; 100 meters read; residential and institutional; 3 institutional connections (church, cemetery, park/townhall/fire dept.); no commercial; no industrial; no secondary water use (system not charged in 2015); data source: 2010 WRe survey; lot size .33 acre; residential use estimated proportional to change in population; assume CI has not changed from 2010 estimate;		<b>X</b>		<b>X</b>		
Bear River	Willow Creek Water Co.	FALSE	FALSE	data source: DW database; connections (51 residential; 1 commercial) and population (125); confirmed by phone call with ST; data source: phone call with ST; no secondary water use; 1/2 ac lot size; commercial connection is Green Grow (turf seeding); rounded population = 130; developing metered (at customer connection) secondary system; pilot system with ~20 connections in spring 2017;				<b>X</b>		
Bear River	Woodruff Town Water System	FALSE	TRUE	nothing reported to WR since 2000; system has not changed much since 2005; data source: 2015 DW database; pop = 234, residential connections = 60, commercial connections = 3; data source: 2010 WRe survey; estimated culinary commercial use = 1.0 ac-ft; estimated culinary residential use = 39.7 ac-ft data source: WRe 2005 survey; estimated culinary institutional use = 5.1 ac-ft;			<b>X</b>			
Cedar/Beaver	Beaver City Water System	FALSE	FALSE	WR data plus unmetered institutional use.		<b>X</b>				
Cedar/Beaver	Bumblebee Water System	FALSE	FALSE	Data obtained from system contact.				<b>X</b>		
Cedar/Beaver	Cedar City Waterworks	FALSE	FALSE	Unmetered institutional use		<b>X</b>				
Cedar/Beaver	Central Iron County WCD - Cedar Highlands Subdivision	FALSE	FALSE	Data obtained from CIWCD.				<b>X</b>		
Cedar/Beaver	Enterprise Town Water System	FALSE	FALSE	WR data for category use not correct. Category use was obtained from system contact.		<b>X</b>			<b>X</b>	
Cedar/Beaver	Escalante Valley Housing	FALSE	TRUE	data source: 2015 WR data form; incomplete data; only provided population and identified sources;			<b>X</b>			
Cedar/Beaver	Flying L Subdivision	FALSE	TRUE	data source: Water Rights database; nothing reported;			<b>X</b>			
Cedar/Beaver	Irontown	FALSE	FALSE	Barbara Osborne, HOA president lives in NJ 732-888-9343. Out of country until 10/1. Data obtained from system.				<b>X</b>		

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Cedar/Beaver	Manderfield Culinary Water Co.	FALSE	TRUE	Manderfield has no contact information that is current. Neither water Rights nor Drinking Water have had any contact with this system. All data is estimated.			X				
Cedar/Beaver	Mid Valley Estates	FALSE	FALSE	Use obtained from system contact.				X			
Cedar/Beaver	Minersville Water System	FALSE	FALSE	Institutional use was calculated using water rights supply data minus the total use.		X					
Cedar/Beaver	Monte Vista Community Water Co.	FALSE	TRUE	Nothing reported for 2015. Used 2014 water use data.			X				
Cedar/Beaver	Summit Culinary Water	FALSE	FALSE	System indicated that 10 AF of residential use was for institutional use.		X					
Jordan River	Alta Town Water System	FALSE	FALSE	data source: WR 2015 data form; Commercial water use includes institutional use; I changed 21 commercial connections to 19 and added 2 institutional connections; estimated institutional use to be .2 acre-feet; changed commercial use accordingly to 53.2; No secondary water use; outside irrigating prohibited; culinary water used for snow-making in October and November, as needed; church culinary water is not metered, but use is negligible; cemetery is not irrigated		X					
Jordan River	Copperton Improvement District	FALSE	FALSE	data source: 2015 WR data form; no secondary water use; identified 4 institutional users; subtracted connections and estimated use from residential connections and use;		X					
Jordan River	Cottonwood Coves, Inc.	FALSE	FALSE	data source: DW database; new Drinking Water system; nothing reported to WR in 2015; data source: phone call; contacted TR; residential only use; no secondary water use; assumed this use was reported with Murray City; subtracted residential connections and use from Murray City;		X		X			
Jordan River	Dansie Water Co.	FALSE	FALSE	data source: phone call with Richard & Rod Dansie; no CII connections; no secondary residential use; water use either residential or agriculture; calculated residential acres based on map of area; inside use: 55*60 gal/person-day*365 = 1204500 gal/year=3.7 ac-ft/year; 11 homes with .5 acre/home irrigated area		X		X			
Jordan River	Draper City Water System	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe population (15500); Draper population estimate (17640) includes prison population; subtracted Utah County (residential only); 2140 population, 632 connections and 347.96 AF use) from Draper City (SL Co and Utah Co); changed use from 1933.11 AF to 1585.15 AF; secondary water provided by WaterPro; recorded on WaterPro use for WaterPro.		X			X	X	
Jordan River	Draper City Water System (Utah Co.)	FALSE	FALSE	data source: 2015 WR data form reports combines SLCo and Utah Co data; no data reported for only Draper, Utah County; split this use from reported total use; data source: Brien Maxfield, Draper City; no secondary water use in Utah County Draper City service area; data source: Annette Byrne (pronounced Burn) of South Valley Sewer District; 632 connections in Utah County; subtracted Utah County residential connections and use from total Draper City numbers; currently no commercial nor institutional use; no secondary use identified;		X				X	X
Jordan River	Granger-Hunter Improvement District	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe pop (125,240); industrial use is included with commercial use; estimated industrial use at 3% of total commercial (same as 2010 ratio); subtracted industrial from commercial; Data Source: R. Baskin USGS Golf; Commercial Golf Acreage: Stonebridge Golf Course-193.89 acres (~7756 ac-ft); assumed metered and included with institutional use; about 2% residents use secondary water;		X				X	

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Jordan River	Herriman City Municipal Water Department	FALSE	FALSE	data source: 2015 WR data form; use Herriman City population estimate (37100) instead of WRe (24310); Herriman estimate based on 2010 census + new construction, validated with new connections; commercial use includes master meter use to large apartment buildings; units on data form incorrect; data source: meeting with LSieverts and FQ; updated WR data during meeting; data source: L. Sieverts; Herriman City provides metered secondary use to some of its parks;					X	
Jordan River	Magna Water District	FALSE	FALSE	data source: 2015 WR data form; no unmetered culinary use; supply secondary water; no indication of % of residents that use secondary water; reported combined commercial and institutional use as commercial use; data source: 2010 WR data; institutional use and connections; subtracted from commercial use and connections; assumed no residential secondary use; Data Source: R. Baskin USGS Golf; Copper Club Golf Course; commercial - 64.99 acres; secondary use;		X				
Jordan River	Midvale City Water System	FALSE	FALSE	data source: 2015 WR data form; assumed reported use data error - off by factor of 10; will not adopt WRe pop (15,840); data source: A. Hoynes phone call; area grown a lot; will NOT adopt WRe population number (15,840); increased res use; commercial category includes new high density housing units; institutional use is included with commercial; data source: GIS & aerial imagery; estimated institutional acres at 58.23 (2 schools, 1 church, 1 cemetery, 4 parks) with a use of 232.9 ac-ft; adjusted uses accordingly; data source: 2010 WRe survey; 12 institutional connections with 79.92 ac-ft use; subtracted from commercial connections and use; data source: water master in Midvale; secondary use; his ditch section has 15 residential users; assume similar use on four ditches = ~60 users;	X	X			X	
Jordan River	Mountain Valley Water Co.	FALSE	TRUE	unable to contact; data source - Drinking Water database; Apollistic United Brethren water system; estimated use; located within Bluffdale water supply system; sole supply - Mountain Valley well (no reported yield); data source: Water Rights database; well water right WR 59-4656 46.9 ac-ft;			X			
Jordan River	Murray City Water System	FALSE	FALSE	data source: 2015 WR data form; adopted WRe population; adusted WRe pop to exclude Cottonwood Coves, Inc pop (250); previously reported only residential use and commercial use; split commercial use into commercial, institutional, and industrial use; adusted residential use to exclude Cottonwood Cove use (75.23 ac-ft/yr ); secondary use is approx. 10%; known canal suppliers: North Jordan Canal and Utah Salt Lake Canal; split supply equally between to companies; Data Source: R. Baskin USGS Golf; Institutional Golf Acreage -- Mick Riley Golf Course-95.65 Acres; Murray Parkway Golf Course-130.23 Acres Commercial Golf Acreage -- Fore Lakes Golf Course-56.87 Acres		X				X
Jordan River	Riverton City Water System	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe pop (39,030); data error - incorrect units associated with numbers; data source: phone calls with Stacie Olson at Riverton City; pressurized secondary water provided throughout Riverton City; data source: meeting with Scott Hill; approx. 10,000 culinary water connections; cemeteries use culinary water for irrigation; data source: Cheryl with Riverton parks; culinary water used in parks where children have exposure to it (eg. Jordan School District schools, splash parks, or rec centers); included with institutional use; data source: R. Baskin, USGS Golf; River Bend golf course (146.22 acres - 584.9 ac-ft use) uses culinary water; included with institutional use;	X					X
Jordan River	Salt Lake City Water System	FALSE	FALSE	data source: 2015 WR data form; data source: meeting L. Briefer, Salt Lake City; will not adopt WRe population estimate (311850); use WRe pop; resulting pop = 311500; data source: call to VA Med Center; subtracted VA population (350) from WRe population; subtracted VA use (284.64) from SLC commercial use resulting use = 17438.4 ac-ft; Data Source: R. Baskin USGS Golf; assume culinary use metered for golf courses (1027.8 acres, using 4111.2 ac-ft) and included with reported institutional use;					X	X
Jordan River	Salt Lake County Service Area #3 - Snowbird	FALSE	FALSE	data source: 2015 WR data form (SL County Service Area No. 3); will not adopt WRe pop (60); using WRe for calculations regardless; reported 1 industrial connection, assume this is snowmaking, but no associated use; assumed included with commercial use; changed industrial connection to 0; reported commercial values include volume used for snowmaking;		X		X	X	

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Jordan River	Silver Fork Pipeline Corp.	FALSE	FALSE	data source: 2015 WR data form; units on form should be gallons rather than acre-feet; adjusted use is: res=30.2 ac-ft, com=.47 ac-ft; no secondary use allowed; secondary homes and rental property associated with ski resort;	<b>X</b>					
Jordan River	Silver Lake Co.	FALSE	FALSE	data source: 2015 WR data form; will not adopt WRe population estimate; he counted the people who are full time residents; 108 total connections; 7 commercial (~6%); 101 res (~94%); divided use proportionally; total use=120.6 ac-ft; don't meter use; divided between all shareholders according to share ownership;		<b>X</b>		<b>X</b>	<b>X</b>	
Jordan River	South Salt Lake City Water System	FALSE	FALSE	data source: 2015 data form; split commercial into commercial and institutional; subtracted 12 connections (estimated with 30.5 acres) and use from commercial; data source: Jason at SSC; "4" residential units use secondary water -- negligible; assume institutional use for churches, rec centers, parks, library, is included with commercial; estimated at least 12 institutional connections;		<b>X</b>				
Jordan River	Spring Glen Water Co.	FALSE	FALSE	data source: phone contact Alan Hall; 1 subdivision; 16 connections; 14 active; residential only; no secondary use; not metered at user; annual billing divided between all active connections; counted 42 people; estimated use=919800 gal/yr = 2.82 ac-ft/yr				<b>X</b>		
Jordan River	VA Medical Center SLC	FALSE	FALSE	data source: phone contact Jim Burrum; previously reported as non-community system; provides water to VA Medical Center campus buildings and Corner Bakery and few leased offices within campus buildings; population = 350; transient users 5000 (patients and staff);						<b>X</b>
Jordan River	West Jordan City Water System	FALSE	FALSE	data source: 2015 WR data form; service area has not changed since 2010; sources have not changed since 2010; will not adopt WRe pop (98,090); changed use values based on email response from Steve Glain; calculated by 2010 census + new construction - 10000 people who get water from Kearns; will not adopt WRe population estimate; Data Source: R. Baskin USGS Golf Institutional Golf Acreage: River Oaks Golf Course-85.40499 Acres					<b>X</b>	
Jordan River	White City WID	FALSE	FALSE	data source: 2015 WR data form; institutional use reported with commercial use; institutional users are: Big Bear Park, Alta View elementary school, Hilltop Christian school, and a church with community garden (approx. 13 acres); estimated use - 52.0 ac-ft; was included with commercial use; data source: phone call with Rhonda at White City; will adopte WRe pop (13,650); no secondary water available in White City; data source: 2010 WRe survey; assume same 12 institutional connections; subtracted from commercial connections;		<b>X</b>				
Kanab/Virgin	Alton Town Water System	FALSE	FALSE	WR data not trusted, data obtained from system.	<b>X</b>			<b>X</b>		
Kanab/Virgin	Angell Springs S.S.D.	FALSE	FALSE	Second Home use estimated by using Leeds second home % and multiplying the average second home use from Toquerville w irr. second home connection data. $70\text{con} * 11\% \text{sechom} * .025\text{AF} / \text{con} = .5\text{AF}$		<b>X</b>				
Kanab/Virgin	Best Friends Animal Society	FALSE	FALSE	Jarad Brinkerhoff provided source cuniray metered data. No individual customer level data so he estimated category data.		<b>X</b>		<b>X</b>		
Kanab/Virgin	Big Plains Water and Sewer S.S.D. - Apple Valley	FALSE	FALSE	Second home use estimated by using Washington County second home % in Apple Valley and multiply by average use/connection. $210\text{con} * 17\% * .8\text{AF} / \text{con} = 28.9\text{AF}$		<b>X</b>				
Kanab/Virgin	Big Plains Water and Sewer S.S.D. - Cedar Point	FALSE	FALSE	Second home use is estimated using Washington County second home % and multiplying by average use/connection. $77\text{con} * 17\% * .3\text{AF} / \text{con} = 3.7\text{AF}$		<b>X</b>				
Kanab/Virgin	Central Iron County WCD (Checksani Cliffs HOA)	FALSE	FALSE	Data obtained from system.				<b>X</b>		

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Kanab/Virgin	Dammeron Valley Water Works LLC	FALSE	FALSE	System delivers to one institutional connection (Fire House) - but was negligible. Second home use is estimated using Washington County average second home % multiplied by average per/con water use. $375\text{con} * 20\% * .74\text{AF}/\text{con} = 55.7\text{AF}$		<b>X</b>				
Kanab/Virgin	Diamond Valley Acres	FALSE	FALSE	Rendee Sanders sent new institutional and residential use on 7/9/16. Second home use is estimated using Washington County average second home % multiplied by per/con water use. $325\text{con} * 20\% * .76\text{AF}/\text{con} = 49.5\text{AF}$		<b>X</b>				
Kanab/Virgin	Dixie Deer S.S.D.	FALSE	FALSE	Second home use is estimated using Washington County second home % multiplied by per/con water use. $334\text{con} * 29\% * .21\text{AF}/\text{con} = 20.3\text{AF}$		<b>X</b>				
Kanab/Virgin	Glendale Town Water System	FALSE	FALSE	Worked with Ellen the town secretary and Like Chamberlin. They both stated there were issues with the water use data they provided WR. She printed off billing data for 2015 and decided that these amounts will have to do for now. Suspect data though. Used 2010 estimate of second home use at 7.0AF and subtracted that off the residential use.	<b>X</b>	<b>X</b>		<b>X</b>		
Kanab/Virgin	Gunlock S.S.D.	FALSE	TRUE	WR data not trusted, data was estimated from contact with system and past DWRe data. Unmetered institutional use.	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>	
Kanab/Virgin	Harmony Farms Water Users	FALSE	FALSE	Water Use Form was submitted late. Second home use is estimated using Washington County second home % for New Harmony multiplied by per/con water use. $130\text{con} * 16\% * .71\text{AF}/\text{con} = 15.0\text{AF}$		<b>X</b>				
Kanab/Virgin	Harmony Heights HOA	FALSE	TRUE	Darrow Jessen estimated the water use at 8,179,000g for 2015. Second home use is estimated using Washington County second home % for New Harmony multiplied by per/con water use. $48\text{con} * 16\% * .52\text{AF}/\text{con} = 4.1\text{AF}$		<b>X</b>		<b>X</b>		
Kanab/Virgin	Hildale - Colorado City	FALSE	FALSE	Nap Jessop finally sent us a water use spreadsheet and all of the data looked good.				<b>X</b>		
Kanab/Virgin	Hurricane City	FALSE	FALSE	Second home use is estimated using Washington County second home Hurricane % multiplied by average second home use in Hurican obtained by WCWCD. $5150\text{con} * 15\% * .37\text{AF}/\text{con} = 285.8\text{AF}$		<b>X</b>				
Kanab/Virgin	Ivins	FALSE	FALSE	Second home use is estimated using Washington County second home Ivins % multiplied by average Ivins second home use obtained by WCWCD. $2842\text{con} * 19\% * .36\text{AF}/\text{con} = 195.0\text{AF}$		<b>X</b>				
Kanab/Virgin	Kanab City	FALSE	FALSE	Accepted System Data. Used 10% estimate for second homes obtained from Kane Co. Therefore second home use: $200\text{con} * 113,000\text{g}/\text{con} = 70\text{AF}$ Subtracted that off of residential use given by system.		<b>X</b>				
Kanab/Virgin	Kanarraville Town Water System	FALSE	FALSE	David Ence indicated that there are 2 institutional connections (ballfields and park)		<b>X</b>				
Kanab/Virgin	Kane County WCD - Johnson Canyon	FALSE	FALSE	Randy Brown broke the 2 KCWCD systems out between Johnson Canyon and Duck Creek Village (Sevier River Basin)				<b>X</b>		
Kanab/Virgin	Kayenta Water Users Inc.	FALSE	FALSE	Second home use is estimated using Washington County average second home % multiplied by per/con water use. $337\text{con} * 20\% * .28\text{AF}/\text{con} = 18.9\text{AF}$		<b>X</b>				
Kanab/Virgin	La Verkin City Water System	FALSE	FALSE	Second home use is estimated using Washington County second home La Verkin % multiplied by average second home use in LA Verkin obtained by WCWCD. $1384\text{con} * 11\% * .19\text{AF}/\text{con} = 29.5\text{AF}$		<b>X</b>				

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Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Kanab/Virgin	Leeds Domestic Water Users Assn.	FALSE	FALSE	Karen Markovich was not sure about population. Therefore decided to use our methodology for population - 950. Second home use is estimated using Washington County second home Leeds % multiplied by average per/con water use. $370\text{con} * 11\% * .43\text{AF} / \text{con} = 18.0\text{AF}$		<b>X</b>			<b>X</b>	
Kanab/Virgin	Mountain Springs Water Co.	FALSE	FALSE	Second home use is estimated using Washington County second home New Harmony % multiplied by per/con water use. $205\text{con} * 16\% * .77\text{AF} / \text{con} = 25.9\text{AF}$		<b>X</b>				
Kanab/Virgin	New Harmony Water System	FALSE	FALSE	Unmetered institutional use. Second home use is estimated using Washington County second home New Harmony % multiplied by per/con water use. $102\text{con} * 16\% * .69\text{AF} / \text{con} = 11.0\text{AF}$		<b>X</b>				
Kanab/Virgin	North Valley Ranches Subdivision	FALSE	FALSE	Second home use is estimated using Washington County second home New Harmony % multiplied by per/con water use. $11\text{con} * 16\% * .39\text{AF} / \text{con} = 0.7\text{AF}$		<b>X</b>				
Kanab/Virgin	Olympus Academy	FALSE	FALSE	Data obtained from Guillermo Torres				<b>X</b>		
Kanab/Virgin	Orderville Town Water System	FALSE	FALSE	Met with Carol Lamb, they hadnt filled out form since 2010. Helped her fill it out for her with billing records she had. Second home use estimated at 10%: $30\text{con} * 113,000\text{g} / \text{con} = 10.0\text{AF}$				<b>X</b>		
Kanab/Virgin	Pine Valley Irrigation Co.	FALSE	FALSE	High water use but Ryon Gardner felt this master metered at the pump house meter was as accurate we will get. No individual residential billing data. Ryon had no idea about the population so we will use our population method that came out 210. Second home use is estimated using Washington County second home County % multiplied by per/con water use $472\text{con} * 82\% * .33\text{AF} / \text{con} = 127.6\text{AF}$		<b>X</b>		<b>X</b>		
Kanab/Virgin	Pine Valley Mt. Farms	FALSE	FALSE	Second home use is estimated using Washington County second home County % multiplied by per/con water use. $62\text{con} * 82\% * 1.1\text{AF} / \text{con} = 55.7\text{AF}$		<b>X</b>				
Kanab/Virgin	Rockville Pipeline Co.	FALSE	FALSE	Second home use is estimated using Washington County second home Rockville % multiplied by per/con water use. $150\text{con} * 23\% * .23\text{AF} / \text{con} = 8.2\text{AF}$		<b>X</b>				
Kanab/Virgin	Santa Clara City	FALSE	FALSE	Bradi Eardley sent a billing spreadsheet that broke out the cii categories. Second home use is estimated using Washington County second home Santa Clara % multiplied by Santa Clara average second home use obtained by WCWCD. $2184\text{con} * 13\% * .39\text{AF} / \text{con} = 110.4\text{AF}$		<b>X</b>		<b>X</b>		
Kanab/Virgin	Springdale Town Water System	FALSE	FALSE	Second home use is estimated using Washington County second home Springdale % multiplied by per/con water use. $276\text{con} * 33\% * .17\text{AF} / \text{con} = 15.9\text{AF}$		<b>X</b>				
Kanab/Virgin	St. George City Water System	FALSE	FALSE	Second home use is estimated using Washington County second home St. George % multiplied by average St. George second home use obtained by WCWCD. $24303\text{con} * 21\% * .47\text{AF} / \text{con} = 2398.8\text{AF}$		<b>X</b>				
Kanab/Virgin	Toquerville Town Water System	FALSE	FALSE	Randy Johnson separated the institutional from residential as given. Second home use is estimated using Washington County second home Toquerville % multiplied by average second home Toquerville use obtained by WCWCD. $536\text{con} * 10\% * .03\text{AF} / \text{con} = 1.6\text{AF}$		<b>X</b>			<b>X</b>	
Kanab/Virgin	Yeyo Culinary Water Assn.	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Kanab/Virgin	Virgin	FALSE	FALSE	Chris Holm sent culinary water use data as given finally on 08/25/16. Second home use is estimated using Washington County second home Virgin % multiplied by average La Verkin second home use obtained by WCWCD. $229\text{con} * 15\% * .19\text{AF} / \text{con} = 7.0\text{AF}$		<b>X</b>		<b>X</b>		



# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Kanab/Virgin	Washington City	FALSE	FALSE	Second home use is estimated using Washington County second home Washington % multiplied by per/con water use. 8346con*17%*.51Af/con=723.3AF		<b>X</b>				
Kanab/Virgin	Washington County WCD - Kayenta Water (Wholesaler)	FALSE	FALSE	Wholesaler, no retail. Delivers water to Kayenta.						
Kanab/Virgin	Washington County WCD - Quail Lake (Wholesaler)	FALSE	FALSE	Wholesaler, no retail deliveries.						
Kanab/Virgin	Washington County WCD - Sand Hollow (Hurricane Valley Retail plus Wholesale )	FALSE	FALSE	Brie Thompson seperated the district into 4 different systems as per DDW. Second home use is estimated using Washington County second home Hurricane % multiplied by averageToquesvillew irr second home use. 151con*15%*.03AF/con=0.8AF		<b>X</b>				
Kanab/Virgin	Washington County WCD- Cottam (Casa De Oro Water Co. Retail plus Wholesale)	FALSE	FALSE	Second home use is estimated using Washington County second home Leeds % multiplied by per/con water use. 19con*11%*.48Af/con=1.1AF		<b>X</b>				
Kanab/Virgin	Winchester Hills Water Co.	FALSE	FALSE	Second home use is estimated using Washington County average second hompe % multiplied by per/con water use. 354con*20%*.77Af/con=54.9AF		<b>X</b>				
Sevier River	Annabella Town Water System	FALSE	FALSE	10 estimated acres are on unmetered culinary institutional water. Estimated 80% of customers use secondary system for watering.						
Sevier River	Aurora City	FALSE	FALSE	Units were in gallons, not 1000 gallons as originally submitted. Single church is only institutional water user on culinary water, estimated at 0.39 ac-ft in 2015. Unmetered institutional use on parks, etc.	<b>X</b>	<b>X</b>				
Sevier River	Austin S.S.D.	FALSE	FALSE	Numbers recieved from phone call with Gayle Stewart - 8/17/16.				<b>X</b>		
Sevier River	Brooklyn Tapline Co.,Inc.	FALSE	FALSE	Elsinore wholesales all of Brooklyn Tapline's water. Data was obtained from Elsinore.				<b>X</b>		
Sevier River	Centerfield Town Water System	FALSE	FALSE	Accepted their population. Use obtained from Tammy Winegar with billing. Unmetered institutional use.		<b>X</b>				
Sevier River	Central Valley Town	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Sevier River	Chester Park Water System	FALSE	FALSE	Entered 2010 numbers for Heartland Mobile Home Park,as this is the same system.			<b>X</b>			
Sevier River	Circleville Town Water System	FALSE	FALSE	Estimated CII breakout using 2010 percentages Commercial use is 21% and Industrial Stockwatering is 20%.		<b>X</b>				
Sevier River	Elsinore Town Water System	FALSE	FALSE	Institutional use was originally included in the residential number. Berkley Hansen obtained the institutional number as 17.5 ac-ft. Residential was reduced to 186.0 ac-ft. This system water use includes water delivered to Brooklyn Tapline Co.		<b>X</b>		<b>X</b>		
Sevier River	Eureka Town	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Sevier River	Fairview City Water System	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Sevier River	Fayette Town	FALSE	FALSE	Numbers obtained from Tracy Mellor via spreadsheet of billing	<b>X</b>	<b>X</b>		<b>X</b>		
Sevier River	Fountain Green	FALSE	FALSE	Unmetered institutional use.		<b>X</b>			<b>X</b>	
Sevier River	Greenwich Water Assn.	FALSE	TRUE	use 2010 for 2015. Haven't yet gotten reached Verl Bagley.			<b>X</b>		<b>X</b>	
Sevier River	Joseph Town	FALSE	FALSE	Numbers received from Brenda Ames, Town Clerk. Unmetered institutional use.		<b>X</b>		<b>X</b>		
Sevier River	Kane County WCD - Duck Creek Village	FALSE	FALSE	Randy Brown seperated out Duck Creek Village from Long Valley Estates (Kanab Creek/Virgin River Basin) into residential and commercial connections.				<b>X</b>	<b>X</b>	
Sevier River	Kane County WCD - Long Valley Estates	FALSE	FALSE	Data obtained from KCWCD.				<b>X</b>	<b>X</b>	
Sevier River	Kanosh Town Water System	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Sevier River	Kingston Town Water System	FALSE	FALSE	Bill Sudweeks estimated residential use from the summation of the well and springs minus known stockwater and institutional usage. Unmetered institutional use.		<b>X</b>				
Sevier River	Leamington Town Water System	FALSE	FALSE	Numbers received from Town billing.		<b>X</b>		<b>X</b>		
Sevier River	Manti City	FALSE	FALSE	Unmetered institutional use.		<b>X</b>			<b>X</b>	
Sevier River	Marysvalle Town Water System	FALSE	FALSE	Use estimated from connection info given by Wendy in billing.		<b>X</b>				
Sevier River	Meadow Town Water System	FALSE	FALSE	Commercial, institutional and industrial numbers from Lynn Bond - 8/22/16. Unmetered institutional use.		<b>X</b>				
Sevier River	Moroni City	FALSE	FALSE	Metered use provided by JoAnne Christensen. Unmetered institutional use.		<b>X</b>				
Sevier River	Mount Pleasant City	FALSE	FALSE	data source: 2015 WR data form; total use and total connections reported; not RCII breakdown; applied 2010 category percentages provided by Mayfield;		<b>X</b>				
Sevier River	Oak City Water System	FALSE	FALSE	Numbers received from Town billing department.				<b>X</b>		

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Sevier River	Oak Meadows Subdivision	FALSE	TRUE	Used 2010 data.			<b>X</b>		<b>X</b>	
Sevier River	Panguitch City Water System	FALSE	FALSE	Numbers received from Town billing.		<b>X</b>				
Sevier River	Redmond Town Water System	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Sevier River	Richfield City	FALSE	FALSE	Large quantity of unmetered institutional use on city owned property.		<b>X</b>				
Sevier River	Ruby's Inn	FALSE	FALSE	WR submitted data was all under residential, therefore changed it to the proper commercial category.		<b>X</b>			<b>X</b>	
Sevier River	Salina City Water System	FALSE	FALSE	Unmetered institutional use.		<b>X</b>			<b>X</b>	
Sevier River	South Monroe Culinary Water Co.	FALSE	FALSE	Numbers were received from Bob Leaver who is with the Company.				<b>X</b>		
Sevier River	Sterling Town Water System	FALSE	FALSE	Units as reported to water rights were acre-feet but are actually in gallons.	<b>X</b>					
Sevier River	Sunset View Estates Water Co.	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				
Sevier River	Wales Town Water System	FALSE	FALSE	Actual use numbers obtained from Erika with Wales Town.				<b>X</b>		
Southeast Colorado	Blanding City	FALSE	FALSE	City gave us a breakout between water use categories.		<b>X</b>				
Southeast Colorado	Bluff Water Works Service District	FALSE	TRUE	They are in some sort of dispute. Haven't submitted anything to water rights since 2008. data source: 2010 WRe estimates;			<b>X</b>			
Southeast Colorado	Day Star Adventist Academy	FALSE	TRUE	nothing reported to Water Rights; use estimated WRe 2010 data;			<b>X</b>			
Southeast Colorado	Eastland S.S.D.	FALSE	FALSE	Data submitted incorrectly by a factor of 10.	<b>X</b>					
Southeast Colorado	Glen Canyon NRA - Halls Crossing	FALSE	FALSE	They submitted to water rights but used the wrong units (gallons vs. million gallons). I spoke to Chris Cooke and Matthew Kemper and they verified this. They were going to resubmit to water rights	<b>X</b>					
Southeast Colorado	Glen Canyon S.S.D. #1	FALSE	FALSE	used 2010 ratio for CII		<b>X</b>				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Southeast Colorado	Mexican Hat S.S.D. (San Juan County Service Area #1)	FALSE	TRUE	data source: 2010 WRe data			X			
Southeast Colorado	Moab City	FALSE	FALSE	Used 2010 ratios for CI		X				
Southeast Colorado	Pack Creek Water Co.	FALSE	FALSE	Pack Creek is a new system and Frank Quintana in Water rights said that they weren't in the system yet so the form wasn't available to the system, He has since entered them as a system. I call Nathan Langston and he sent me the data for Pack Creek.				X		
Southeast Colorado	Tropic Town Water System	FALSE	FALSE	They filled out a WR form but didn't put anything in the institutional category. I spoke to the contact and he told me about their church, parks, and schools and we decided how much to take out of commercial and put into institutional.	X					
Uinta	Duchesne County WCD	FALSE	FALSE	data source: phone conversation with C. Watkins; wholesale water supplier only;		X				
Uinta	Duchesne Water System	FALSE	FALSE	data source: 2015 WR data form; did not adopt WRe pop estimate (2,420); use 1690; data source: 2010 WRe survey; assumed institutional use did not change; subtracted institutional use from reported commercial use;		X			X	
Uinta	Dutch John Town Water System	FALSE	TRUE	Note: Dutch John aka Bureau of Rec - Dutch John; has incorporated, but no data has been submitted to water rights since 2000; data source: 2014 Drinking Water database; 90 residential connections; 19 commercial connections; source is Flaming Gorge Reservoir; data source: 2010 WRe Survey; use WRe pop estimate (170); estimated use increased proportional to pop increase; assume commercial connections include institutional; assume no change in institutional use, so remainder are commercial; assume no secondary water use;			X			
Uinta	East Duchesne Culinary W.I.D.	FALSE	TRUE	No data recorded from WR since 1995; data source: 2015 WRe population estimate (1020); data source: 2010 WRe survey; assume commercial, institutional, and industrial uses have not changed; no indication of secondary water use;			X			
Uinta	Fruitland Water S.S.D.	FALSE	TRUE	No WR data submitted data source: WRe population estimate (350); data source: 2010 WRe survey; assume commercial, institutional, and industrial uses have not changed; no indication of secondary water use; Note: identified source supplies (225 ac-ft) much greater than estimated use (~160 ac-ft);			X			
Uinta	Hanna Water & Sewer Improvement District	FALSE	TRUE	data source: 2015 WR data form; only submitted source data; data source: 2015 WRe population estimate (330); data source: 2014 WR data; assume no change in commercial and industrial (stock) connections; data source: 2010 WRe survey; assumed residential use per person is unchanged; calculated residential use; assumed commercial proportional to 2010 use; assumed remainder is industrial use;			X			
Uinta	Johnson Water District	FALSE	FALSE	data source: 2015 WR data form; large increase in industrial use reflects activity in oil industry; data source: phone call; Uintah County water (Independence system) was included with Duchesne County use on WR form; split out use for Uintah County; used same per connection values;630.1/722				X		
Uinta	Johnson Water District - Independence	FALSE	FALSE	data source: DW database; data source: 2015 WR data form; combined Uinta County use with Duchesne County use on form; data source: phone call; Uintah County water (Independence system) was included with Duchesne County use on WR form; subtracted Uinta County connections and use; assumed use per connection same as Johnson Water District use per connection;				X		
Uinta	Manila Town Water System	FALSE	FALSE	data source: 2015 WR database (FQ visited system); adopted WRe pop estimate = 420; 2015 reported data suspect; reported use 2.5 times reported sources; estimated residential use by subtracting reported CI from source; remainder estimated as residential use; 2015 secondary portion of form left blank;	X	X		X		
Uinta	Questar - Clay Basin Camp	FALSE	FALSE	data source: 2015 WR data form; values are too large by 1000; source data too small; data source: phone conversation (W.Slaugh); master meter read for total use, then calculated category use; described change made to data; confirmed change; P. Drake (Clay Basin) reviewing;	X			X		

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Uinta	South Duchesne Culinary Water	FALSE	TRUE	data source: used 2010 values; data source: Water Rights database; cross-reference information;			X			
Uinta	Tabiona Town Water System	FALSE	FALSE	data source: 2015 WR data form; assume institutional use reported with commercial; assume institutional use has not changed; data source: Drinking Water database;		X				
Uinta	Uriah Heeps Springs Water System (Ute Tribal System)	FALSE	TRUE	unresponsive to information requests; nothing reported to WR since 1987; sells wholesale water to Johnson, Ballard, Myton, and Ouray water systems; sells retail water (via truck) to oil field operations - industrial use; data source: WRe population estimate - 3270; calculate residential connections (2.987 pph) = 1095; estimate 245.25 ac-ft inside residential; outside residential - negligible data source: GIS webmap & Google map; estimate 14 commercial connections; assume 1.0 ac-ft per connections; 13 institutional connections - 29 acres; 2 industrial connections, oil field related; assume industrial is 1.6 ac-ft per connection; data source 2010 WRe survey estimate; no secondary water use observed;			X			
Utah Lake	Alpine Cove Water S.S.D.	FALSE	FALSE	Called Drew Empey and got the water use.				X		
Utah Lake	American Fork City	FALSE	FALSE	3.1 unmetered institutional acres		X				
Utah Lake	Canyon Meadows Mutual Water Co.	FALSE	TRUE	Estimated because no contact.			X			
Utah Lake	Center Creek Water System	FALSE	FALSE	Spoke to Terry 435-671-7702. She won't get the data until later. She says nothing has changed so I'm using the 2010 data for now. She said there are 76 homes. I'm leaving our population.				X		
Utah Lake	Central Utah WCD - Utah Valley	FALSE	FALSE	Wholesaler						
Utah Lake	Charleston WCD	FALSE	FALSE	Used water rights data but put 1 acre foot into institutional because I checked the map. Janet Winters was my contact. She said there is no secondary		X				
Utah Lake	Country Estates Mobile Home Park	FALSE	FALSE	Trisity Rasmussen send the meter reading (and a picture of the meter!). Quite a bit higher than 2010 but will have to trust it.				X		
Utah Lake	Daniel Municipal Water	FALSE	FALSE	11.unmetered institutional acres		X				
Utah Lake	Deseret Feedlot	FALSE	TRUE	Couldn't get in contact so I used 2010 data.			X			
Utah Lake	Eagle's Landing	FALSE	FALSE	This is a new system. I did some research in water rights and found out the owner. John Jacob gave me the water use.				X		
Utah Lake	Elberta	FALSE	FALSE	They filled out a form but put their institutional use under commercial so we switched them.		X				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Utah Lake	Francis Town Water System	FALSE	FALSE	2.5 unmetered institutional acres		<b>X</b>				
Utah Lake	Genola City	FALSE	FALSE	They filled out a water rights form but indicated that they had unmetered institutional use. In these cases, you can't copy water rights data directly because the unmetered use has to be calculated. I entered the category data by hand.		<b>X</b>				
Utah Lake	Goosenest Water Co.	FALSE	FALSE	They filled out a form but their institutional use was way too high. I contacted them and we figured out a better value.				<b>X</b>		
Utah Lake	Hideout Town Water System	FALSE	FALSE	They buy water from JSSD				<b>X</b>		
Utah Lake	Highland City	FALSE	FALSE	They filled out a form but for some reason the program wouldn't copy the data so I entered it by hand. The huge amount of water in the other category in water rights is a mistake.				<b>X</b>		<b>X</b>
Utah Lake	Jordanelle S.S.D.	FALSE	FALSE	They submitted to water rights but put there wholesale water under commercial so we took that out.		<b>X</b>				
Utah Lake	Maple Lake Academy	FALSE	FALSE	From water rights I read that there are 12 students = 600 gpd, 12 rotating staff = 120 gpd totaling 720 gpd or .8036 acre-ft per year.			<b>X</b>			
Utah Lake	Midway City Water System	FALSE	FALSE	They used the wrong units so I fixed it.	<b>X</b>	<b>X</b>				
Utah Lake	Mona Town Water System	FALSE	FALSE	Rural Water obtained 2015 data		<b>X</b>		<b>X</b>		
Utah Lake	Nephi City	FALSE	FALSE	45 unmetered institutional acres		<b>X</b>				
Utah Lake	North Village S.S.D.	FALSE	FALSE	Institutional use (small college) was given as 10000/month. Population was estimated. 14 apartment buildings with 10-14 apartments with 2-4 occupants. A few houses.				<b>X</b>	<b>X</b>	
Utah Lake	Payson City Water System	FALSE	FALSE	110 unmetered institutional		<b>X</b>				
Utah Lake	Santaquin City	FALSE	FALSE	Norm Beagley gave us updated category use and unmetered institutional acres.		<b>X</b>		<b>X</b>		
Utah Lake	Spanish Fork City	FALSE	FALSE	Paul Taylor broke out the water use categories for us.		<b>X</b>				
Utah Lake	Spring Lake	FALSE	TRUE	used 2010 data because water rights is holding on it.			<b>X</b>			<b>X</b>
Utah Lake	Springdell Plat A and B	FALSE	TRUE	I couldn't get in touch with anyone from this community so I had to use the 2010 data			<b>X</b>			

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Utah Lake	Storm Haven Residents	FALSE	FALSE	Ryan Taylor told me that the water use is an estimate because of broken meters. Daniel Domestic is taking this over				<b>X</b>		
Utah Lake	Utah State Hospital	FALSE	FALSE	It's in water rights but not in the right spot to be downloaded into our database so I just hand entered it. In water rights the use is located in the general annual info category.						<b>X</b>
Utah Lake	Vineyard City	FALSE	FALSE	On their water rights form they did not have use data but they had population and source data. The source data stated that they bought 385.66 ac/ft of water from Orem. Dave Pitcher from CUWCD sent me data on 11/16/16. 35 ac-ft from CUP, 384.7 from Orem, 59.2 from CWP				<b>X</b>		
Utah Lake	Vivian Park Homeowners	FALSE	FALSE	First I contacted Matthew Clark and he told me to contact Val Dunn who is the HOA president. Val said that Vivian Park used about 8 million gallons in 2015.				<b>X</b>	<b>X</b>	
Utah Lake	White Hills Subdivision	FALSE	FALSE	66.05 in commercial was a mistake. They have one park estimate 2 acres.		<b>X</b>			<b>X</b>	
Utah Lake	Woodland Mutual Water Co.	FALSE	FALSE	.5 unmetered institutional acres		<b>X</b>				
Weber	Casey Acres Water Co.	FALSE	TRUE	Used 2016 data submitted.			<b>X</b>			
Weber	Clearfield City Water System	FALSE	FALSE	Large quantity of unmetered city owned property irrigation.		<b>X</b>				
Weber	Clinton City Water System	FALSE	FALSE	Large quantity of unmetered city owner property irrigation.		<b>X</b>			<b>X</b>	
Weber	Coalville City Water Sys	FALSE	FALSE	Water Use Form submitted late - used with new 2015 second home estimate		<b>X</b>			<b>X</b>	
Weber	Cole Canyon Water Co.	FALSE	FALSE	Dianna Marchione told me that the industrial use that they sent into water rights was estimated irrigation water to farm fields. Therefore I eliminated that use from the culinary use.		<b>X</b>			<b>X</b>	
Weber	Coleman Mobile Home Park	FALSE	TRUE	Use Drinking water pop estimate; only residential use; no secondary water use; use estimated at 2010 gpcd = 70;			<b>X</b>			
Weber	Community Water Co.	FALSE	FALSE	Second home estimated from Summit County data.		<b>X</b>				
Weber	Deep Springs Water Co.	FALSE	TRUE	No water use provided. Estimated from 2010 data estimate			<b>X</b>		<b>X</b>	
Weber	Eden Waterworks System	FALSE	FALSE	Assumed industrial use given was actually institutional as in 2010		<b>X</b>				
Weber	Farmington City Water System	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Weber	Five C Mobile Home Park	FALSE	TRUE	use estimated proportional to 2010 use based on population; used population provided to Drinking water			X		X	
Weber	Gorgoza Mutual Water Co.	FALSE	FALSE	Second home estimated from Summit County data.		X				
Weber	Henefer Town	FALSE	FALSE	Second home estimated from Summit County data. Unmetered institutional use.		X				
Weber	Hidden Hollow Water Co.	FALSE	FALSE	Jamie Grandpre sent water use data in on 8/26/16				X	X	X
Weber	High Valley Water Co.	FALSE	FALSE	Second home estimated from Summit County data.		X			X	X
Weber	Highland Subdivision (Morgan)	FALSE	FALSE	Institutional use was given by Rodger Smith for Mt. Green Cemetary, Chapel, Kent Smith Park, Mt. Green Sewer ID, and UDOT facility as 2,548,960g = 7.8AF		X			X	
Weber	Hooper Water Improvement District	FALSE	FALSE	Given that 85% of residents live in the Weber County portion of Hooper WID. Assumed 85% of residential use occurs in Weber Co. and 100% of commercial and institutional use.						
Weber	Hooper Water Improvement District (West Point, Davis Co.)	FALSE	FALSE	Given 15% of residents live in Davis Co. Applied 15% of residential Hooper WID use here. No commercial or institutional uses.					X	
Weber	Hot Springs Trailer Court	FALSE	TRUE	use estimated proportional to 2010 use based on population; used population provided to Drinking water			X			
Weber	Hoytsville Pipeline Co.	FALSE	TRUE	No water use form submitted. Used 2010 data.			X			
Weber	Huntsville Town Water System	FALSE	TRUE	Used 2015 Source data given and estimated 2015 residential use by using 2010 com, inst and ind uses.Used 2011 connection data. Fianilly submitted form very late in the year.			X			
Weber	Kamas City Water System	FALSE	FALSE	Second home estimated from Summit County data. Unmetered institutional use.		X				
Weber	Liberty Pipeline Co.	FALSE	FALSE	Pen Hollist indicated that there were two churches that were included in the residential category. He estimated a small amount for inside culinart use (0.4AF).		X				
Weber	Marion Waterworks Co.	FALSE	FALSE	Second home estimated from Summit County data.		X				
Weber	Mountain Green Water Assn.	FALSE	FALSE	Mt. Green sent in a later form Sept 8. 2016. Therefore their numbers changed from what they had presviously sent in.				X		
Weber	Mt. Regional Water S.S.D.	FALSE	FALSE	Second home estimated from Summit County data.		X				



# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Weber	Oakley Town Water System	FALSE	FALSE	Second home estimated from Summit County data.		<b>X</b>			<b>X</b>	
Weber	Ogden City	FALSE	FALSE	Large quantity of unmetered city owner property irrigation.		<b>X</b>			<b>X</b>	
Weber	Park City Culinary Water	FALSE	FALSE	Second home estimated from Summit County data.		<b>X</b>			<b>X</b>	
Weber	Peoa Pipeline Co.	FALSE	TRUE	No water use data form submitted. Used 2010 estimate.			<b>X</b>		<b>X</b>	
Weber	Peterson Pipeline Assn.	FALSE	TRUE	No water use form submitted. Unable to contact. Used 2010 data			<b>X</b>		<b>X</b>	
Weber	Pineview West Water Co.	FALSE	FALSE	They indicated that a small portion was actually commercial use. Changed that to reflect what they told us.		<b>X</b>			<b>X</b>	
Weber	Pole Patch Water System	FALSE	FALSE	Data sent in by Tyler Jackson				<b>X</b>	<b>X</b>	
Weber	South Ogden City	FALSE	FALSE	Units were wrong on form. Assumed that they were in 1000 gallons - not in AF. Unmetered institutional use.	<b>X</b>	<b>X</b>			<b>X</b>	
Weber	South Robinson Springs Water Users	FALSE	TRUE	No metered use either customer level or master meter. They have a WR agreement for the use of Robinson Springs (27AF) with Morgan City Water. Estimate res indoor - $88.4/2.6+32.1=66\text{gpcd} * 50\text{people} * 365\text{days} / 325,851 = 3.7\text{AF}$ . Res outdoor - $12\text{homes} * .25 * 50\text{irr} * 4\text{AF} / \text{A} = 6.0\text{AF}$ . Therefore total - $3.7+6=9.7\text{AF}$			<b>X</b>			
Weber	South Weber Water System	FALSE	FALSE	No water use data from submitted. Used WBWCD provided wholesale delivery in 2015 = 585.7AF. No breakout between categories was given. Therefore estimated water use by category from 2005 data. Residential Use = $585.7 * 90\% = 527.1\text{AF}$ ; commercial use = $585.7 * 10\% = 58.6\text{AF}$ .		<b>X</b>		<b>X</b>		
Weber	Spring Mountain Mutual Water Co.	FALSE	TRUE	No source or customer level data available. System operator gave me some data. Therefore estimated $100\text{people} * 62\text{gpcd} = 6.9\text{AF} + 18\text{ con with landscape} * .25\text{ac} * 3\text{AF} / \text{Ac} = 7.1\text{AF} = 14\text{AF}$ .			<b>X</b>		<b>X</b>	
Weber	Summit Co Service #3	FALSE	FALSE	Second home estimated from Summit County data.		<b>X</b>				
Weber	Summit Water Distribution	FALSE	FALSE	Second home estimated from Summit County data.		<b>X</b>				
Weber	Sunset City Water System	FALSE	FALSE	WR dat plus unmetered institutional.		<b>X</b>				
Weber	The City of Washington Terrace	FALSE	FALSE	Unmetered institutional use.		<b>X</b>				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
Weber	Uintah Highlands Improvement District	FALSE	FALSE	Jerilyn Call gave me new slightly different water use and connection numbers to breakout institutional use from residential use.		<b>X</b>		<b>X</b>		
Weber	Wanship Cottage Sites	FALSE	FALSE	De Ann Geary realized that they had entered the water data in wrong. She stated that it should be 410 kgallons not 41 kgallons. Therefore total residential use is 410,000g. They dont meter individual customers. The number comes from the master meter at the well meter.	<b>X</b>	<b>X</b>				
Weber	Weber Basin Job Corps	FALSE	FALSE	Data from WBWCD.				<b>X</b>		
Weber	Weber Basin WCD - Central (Wholesaler)	FALSE	FALSE	Wholesaler, no retail deliveries.						
Weber	Weber Basin WCD - North (Wholesaler)	FALSE	FALSE	Wholesaler, no retail deliveries.					<b>X</b>	
Weber	Weber Basin WCD -South (Wholesaler)	FALSE	FALSE	Wholesaler, no retail deliveries.						
Weber	West Warren Improvement District	FALSE	FALSE	Randy Giordano estimated .5 AF for church and city building that was part of residential use. Also he gave me 2 dairies (ind) using 16,720,000g -51.3AF that were part of the residential amount.		<b>X</b>				
Weber	Wooden Shoe Water Company	FALSE	TRUE	No water use form. Used 2010 estimated data.			<b>X</b>			
West Colorado	Bicknell Bottoms	FALSE	FALSE	New system. Bicknell Town provides the water. They have one motel/lodge.				<b>X</b>		
West Colorado	Castle Valley Special Service District - Castledale	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories.		<b>X</b>				
West Colorado	Castle Valley Special Service District - Clawson	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				
West Colorado	Castle Valley Special Service District - Cleveland	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				
West Colorado	Castle Valley Special Service District - Elmo	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				
West Colorado	Castle Valley Special Service District - Emery	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				
West Colorado	Castle Valley Special Service District - Ferron	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				
West Colorado	Castle Valley Special Service District - Huntington	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories		<b>X</b>				

# DRAFT

Basin	SystemName	WaterRightsDataOK	Estimated	Comments	1 - Incorrect Units	2- Categorical Corrections	3-Estimated Water Use	4-Missing Division of Water Rights Data	5-Service Population	6-Other
West Colorado	Castle Valley Special Service District - Orangeville	FALSE	FALSE	Jacob Sharp filled out a form for Castle Valley SSD but he lumped all of the communities together. I met with him and he sent me spreadsheet that had each community separate. He did not have the water use broken down into categories so I had to use the 2010 ratios to break the use into categories.		<b>X</b>				
West Colorado	Helper Municipal Water System	FALSE	FALSE	4.6 unmetered institutional acres		<b>X</b>				
West Colorado	Loa Town Water System	FALSE	FALSE	They filled out a form but because they have unmetered institutional use I couldn't copy directly		<b>X</b>				
West Colorado	Thompson Special Service District	FALSE	FALSE	They filled out a form but left out the residential use so I called Lee Anne and she told me the amount.				<b>X</b>		
West Colorado	Torrey Town Water System	FALSE	FALSE	10 unmetered institutional acres		<b>X</b>			<b>X</b>	
West Colorado	Wellington City	FALSE	FALSE	I changed the units on CI	<b>X</b>					
West Desert	East Grouse Creek Pipeline Co.	FALSE	TRUE	Talked with Julie Tanner and helped with estimating water use. They will fill out form next year.			<b>X</b>			
West Desert	S and W Trailer Park	FALSE	TRUE	2010 numbers Sent email after leaving phone messages with each other Sent water rights form Sent question document Received email stating that they will work on form, document Keith Fryer is contact person for S & W Trailer and Oquirrh Mountain Water			<b>X</b>			
West Desert	Snowville Town	FALSE	TRUE	Called left message, sent email (8/04/2016) no response yet 8/25/2016) 2010 data entered			<b>X</b>		<b>X</b>	
West Desert	Stansbury Park Improvement District	FALSE	FALSE	Institutional use given was changed to 470.4Af instead of 1690.6 that was given. This is because it was indicated by system that secondary golf course and other uses were included in the institutional amount given on the Water Use Form. This former amount include Hole#17 Well, Gordan Well1 and2, Test Well, Well A, Well 4. These amounts have been put into the secondary use section.		<b>X</b>				
West Desert	Stockton Town Water System	FALSE	FALSE	No change in boundary size No change in source 1.5 acres of unmetered institutional use Park on secondary Cemetery on culinary Secondary not metered Mayor called and verified residential use had an extra zero on what they reported		<b>X</b>				
West Desert	West Erda Improvement District (Golden Gardens)	FALSE	TRUE	2010 numbers haven't had water rights data since 2000 Back in 2004 stock water connections listed 22 Called Mark Nelsen 8/23/2016, referred me to Jerry Houghton Jerry wasn't in the office at the time, left message never recieved call back Sent email to Houghton with Water Rights form with instructions to call water rights for help to fill out Sent question document Haven't heard back, will up date when get numbers			<b>X</b>			