

## REQUEST FOR COUNCIL ACTION

**SUBJECT:** Solid Waste Fund Cash Balance and Storm Water Prioritization

**SUMMARY:** A Public Hearing is scheduled for October 22, 2014 to discuss transferring money from the Solid Waste Fund to the Storm Water Fund. Attached is the Income Statement and the Cash Balance as of June 30, 2014. In addition, included is the staff recommendation of the amount available to transfer.

**FISCAL  
IMPACT:** None

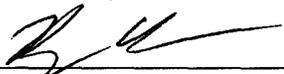
**STAFF RECOMMENDATION:**

Council consider transferring \$3,000,000 to the Storm Water Fund after the Public Hearing on October 22, 2014

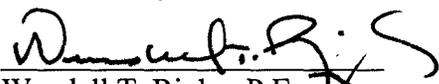
**MOTION RECOMMENDED:**

None, Informational only

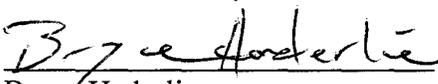
**Prepared by:**

  
\_\_\_\_\_  
Ryan Bradshaw  
Finance Manager/Controller

**Reviewed by:**

  
\_\_\_\_\_  
Wendell T. Rigby, P.E.  
Director of Public Works

**Recommended by:**

  
\_\_\_\_\_  
Bryce Haderlie  
Interim City Manager

## **BACKGROUND DISCUSSION:**

The Solid Waste Fund had been accumulating a Cash Balance in order to pay for City's part of a future Transfer Station. It was discovered that the Trans Jordan Landfill is accumulating cash for the same purpose. Currently there is \$4,620,170.73 in cash in the Solid Waste Fund. Staff has calculated that the necessary cash balance minimum is \$1,301,878.16. This was calculated by taking 110% of the Fees paid to Trans Jordan Landfill in Fiscal Year 2013-2014 ( $\$504,070.06 * 110\% = \$554,477.07$ ) plus 90 days working capital for the remaining expenses ( $\$3,493,674.40 - \$504,070.06 * 90/360 = \$747,401.09$ ). This would leave \$3,318,292.57 as available for transfer. It is staff's recommendation that \$3,000,000 be transferred to the Storm Water Fund for the following reasons

1. \$3,000,000 plus a possible \$5,000,000 bond would infuse \$8,000,000 into the Storm Water Fund and attached priorities to be done with in the next 5 years
2. Leave sufficient Fund Balance within the Solid Waste Fund to cover the raise in costs for several years, thus delaying any rate increases.

### Attachments

1. Solid Waste Financial Statement
2. Storm Water Priority List

<b>Solid Waste Fund</b>		
<b>Income Statement</b>		
<b>For Year End June 30, 2014</b>		
	<b>Budget</b>	<b>Actuals</b>
Collection Fees	\$ 3,763,504.00	\$ 3,833,747.21
Recycling Fee		\$ 18,748.54
Interest Revenue	\$ 10,000.00	\$ 10,000.00
Sundry Revenue		\$ 12,476.00
<b>Total Revenue</b>	<b>\$ 3,773,504.00</b>	<b>\$ 3,874,971.75</b>
Salary and Benefits	\$ 115,953.00	\$ 107,902.99
Memberships	\$ 183.00	\$ -
Office Supplies	\$ 1,500.00	\$ 1,485.99
Equipment	\$ 7,000.00	\$ 5,298.26
Uniforms	\$ 1,650.00	\$ 524.20
Computer	\$ -	\$ -
Fleet O&M	\$ 36,634.00	\$ 40,380.32
Fleet Replacement	\$ 38,940.00	\$ 38,940.00
Interfund Service	\$ 261,740.00	\$ 261,740.04
Direct Service	\$ 128,359.00	\$ 128,358.96
Telephone	\$ 950.00	\$ 291.91
Contract Services	\$ 75,000.00	\$ -
Training	\$ 1,550.00	\$ 1,008.50
Travel	\$ -	\$ -
Debt Services	\$ 10,361.00	\$ 9,531.30
Garbage Cans	\$ 218,000.00	\$ 118,062.21
Landfill	\$ 521,654.00	\$ 504,070.06
City Dumpster	\$ 192,332.00	\$ 184,584.24
Collection Contract	\$ 2,146,365.00	\$ 2,068,123.72
Glass Recycling	\$ 5,800.00	\$ 5,794.56
Solid Waste Equipment	\$ 26,500.00	\$ 17,577.14
<b>Total Expenses</b>	<b>\$ 3,790,471.00</b>	<b>\$ 3,493,674.40</b>
Increase/(Decrease) to Fund Balance	\$ (16,967.00)	\$ 381,297.35

Cash on Hand	
June 30, 2006	\$ 587,880.00
June 30, 2007	\$ 1,790,804.00
June 30, 2008	\$ 2,225,965.00
June 30, 2009	\$ 2,533,837.00
June 30, 2010	\$ 3,126,970.00
June 30, 2011	\$ 3,592,972.00
June 30, 2012	\$ 3,945,789.00
June 30, 2013	\$ 4,490,590.00
June 30, 2014	\$ 4,620,170.73

Needed Cash on Hand	
110% of Tipping Fees to Trans Jordan Landfill	\$ 554,477.07
90 Days Working Capital Remaining Expenses	<u>\$ 747,401.09</u>
Mimumum Cash on Hand	\$ 1,301,878.16
Available Cash to Transfer	<b>\$ 3,318,292.57</b>

## STORM DRAIN PROJECTS BY PRIORITY RANKING

Table ES-4

Summary of Recommended Improvements

West Jordan City 2007 Master Drainage Plan Update

West Jordan City: WJC

Private Developer: DEV

Other Agency (e.g. SLCO, UDOT): OA

Percentage of Cost

= New Project										
Drainage Area ID	Facility ID	Project Name	Location	Existing Facility	Recommended Improvement	Design Flow <sup>(2), (3)</sup> (cfs)	Estimated Cost	Category	Existing Development	Future Development
Bingham Creek	BINC23A		1650 West	48" CMP	Replace with 16' x 5' box culvert	757	\$334,000	WJC	100%	0%
Bingham Creek	T449	Dannon Way Storm Drain	Bagley Park Road	-	Install 36" RCP	46	\$347,600	WJC	100%	0%
North Jordan Canal	T17	7000 South Trunkline	7000 South	15" RCP	Install 42" RCP	97	\$468,000	WJC	100%	0%
		7000 South Trunkline	7000 South	18" RCP	Install 42" RCP	97	\$249,600	WJC	100%	0%
North Jordan Canal	T14A	7000 South Trunkline	7000 South	15" RCP	Install 42" RCP	97	\$193,500	WJC	100%	0%
		7000 South Trunkline	7000 South	18" RCP	Install 48" RCP	97	\$89,200	WJC	100%	0%
North Jordan Canal	T14B	7000 South Trunkline	7000 South	18" RCP	Install 54" RCP	111	\$129,600	WJC	100%	0%
		7000 South Trunkline	7000 South	36" RCP	Install 54" RCP	111	\$890,900	WJC	100%	0%
North Jordan Canal	T15	7000 South Trunkline	7000 South	36" RCP	Install 66" RCP	273	\$477,400	WJC	100%	0%
Bingham Creek	BINC81B		4000 West	48" CMP	Replace with 72" RCP	443	\$198,000	WJC	100%	0%
Bingham Creek	T450A		Leo Park Road	-	Install 18" RCP	8	\$276,000	WJC	63%	37%
Bingham Creek	T452		Axel Park Road	-	Install 24" RCP	13	\$370,100	WJC	100%	0%
Bingham Creek	BINC23B		1500 West	48" CMP	Replace with 12' x 5' box culvert	757	\$267,900	WJC	100%	0%
Bingham Creek	BINC23C		1300 West	8' x 5.5' box culvert	Replace with 10' x 6' box culvert	757	\$247,200	WJC	100%	0%
South Jordan Canal	T158A	2700 West Storm Drain Replacement	2700 West	15" RCP	Install 24" RCP	35	\$324,800	WJC	100%	0%
South Jordan Canal	T158B	2700 West Storm Drain Replacement	2700 West	30" CMP	Install 24" RCP	50	\$297,100	WJC	100%	0%
Utah and Salt Lake Canal	T110C	SLCo Detention Basin Outfall	Airport Road	18" RCP	Install 30" RCP	26	\$165,100	WJC	100%	0%
Utah and Salt Lake Canal	T127	SLCo Detention Basin Outfall	7400 South	Open channel	Install 36" RCP	52	\$561,500	WJC	100%	0%
Utah and Salt Lake Canal	T143	7000 South Trunkline	7000 South	24" RCP	Install 30" RCP	25	\$117,900	WJC	100%	0%
Utah and Salt Lake Canal	T146B		7400 South	-	Install 18" RCP	3	\$431,300	WJC	100%	0%
South Jordan Canal	T160A	7000 South Trunkline	7000 South	-	Install 36" RCP	57	\$574,900	WJC	100%	0%
South Jordan Canal	T159A	7000 South Trunkline	7000 South	-	Install 42" RCP	73	\$686,300	WJC	100%	0%
South Jordan Canal	T159C	2700 West Storm Drain Replacement	2700 West	15" RCP	Install 24" RCP	22	\$390,600	WJC	100%	0%
Bingham Creek	T420		Prosperity Road	-	Install 18" RCP	6	\$129,400	WJC	100%	0%
Bingham Creek	T426	Dannon Way Storm Drain	Dannon Way	-	Install 30" RCP	10	\$176,900	WJC	90%	10%
Bingham Creek	T431	Dannon Way Storm Drain	Dannon Way	-	Install 30" RCP	33	\$117,900	WJC	100%	0%
Bingham Creek	T439	Dannon Way Storm Drain	Dannon Way	-	Install 30" RCP	33	\$259,400	WJC	100%	0%
Bingham Creek	T440	Dannon Way Storm Drain	Dannon Way	-	Install 30" RCP	37	\$94,300	WJC	100%	0%
Festival Subdivision	DB104	New Project	Festival Subdivision	1-ac-ft detention basin	Increase basin depth	131	\$500,000	WJC	100%	0%
Barneys Creek	DB278		Barneys Creek U-111	-	Construct 66.3 ac-ft detention basin	3	\$3,724,500	WJC	0%	100%
Utah & Salt Lake Canal	DB144	Constitution Park	7000 South 3200 West	22 ac-ft detention basin	Reconstruct outlet	25	\$21,600	WJC	100%	0%
Jordan River	New	7000 South Trunkline	7000 South		Install 36" RCP	200	\$400,000	WJC	100%	0%
Welby Jacob Canal	New	Festival Trunkline	8800 South 4300 West		Install 36" RCP	131	\$280,000	WJC	100%	0%
7800 South	New	New Bingham Hwy Trunkline	NBH 4300 West		Install 24" RCP		\$250,000	WJC	100%	0%
Bingham Creek	New	Neighborhood Trunkline	8800 South 3700 West		Install 15" RCP		\$125,000	WJC	100%	0%

**Table ES-4  
Summary of Recommended Improvements  
West Jordan City 2007 Master Drainage Plan Update**

West Jordan City: **WJC**  
 Private Developer: **DEV**  
 Other Agency (e.g. SLCO, UDOT): **OA**

Drainage Area ID	Facility ID	Project Name	Location	Existing Facility	Recommended Improvement	Design Flow <sup>(2), (3)</sup> (cfs)	Estimated Cost	Category	Percentage of Cost	
									Existing Development	Future Development
North Jordan (Trimble Creek)	TR28B	Trimble Creek	9300 South 800 West	-	Install 24" RCP (Canal Crossing)	18	\$126,700	WJC	100%	0%

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Percentage of Cost	
Existing Development	Future Development

= New Project										
Drainage Area ID	Facility ID	Project Name	Location	Existing Facility	Recommended Improvement	Design Flow <sup>(2), (3)</sup> (cfs)	Estimated Cost	Category	Existing Development	Future Development
<b>Additional Projects - Previously Unidentified</b>										
		OBH Safe Sidewalk Project	pipe existing ditch -18-inch new 18 inch pipe- resurface roadways	ditch	Install 18" RCP	3-4 cfs	\$ 200,000	WJC	100%	0%
		Axel Park & Leo Park Waterway removals	holdover from 7800 South Phase 3 - 15 inch pipe new 18 inch pipeline - subdivision drainage	waterways	Install 18 inch pipe	0-5 cfs	\$ 150,000	WJC	100%	0%
		O-Reilly Parking lot SD	2310 W 7000 S	drainage boxes only	Install 15" RCP	1-3 cfs	\$ 45,000	WJC	100%	0%
		Slip line 24-30 inch SD on 4000 West and 7800 South	7055 S 1100 W	none	Install 18" RCP	6-10 cfs ?	\$ 135,000	WJC	100%	0%
			9100 South 1500 West	18-30 inch CMP	Line existing pipes	10 - 40 cfs	\$ 1,450,000	WJC	100%	0%
			7055 S 1100 W	none	Install 24" RCP	10-15 cfs ?	\$ 250,000	WJC	100%	0%
			9100 South 1500 West	none	New small storage chamber	3 cfs	\$ 40,000	WJC	100%	0%
		Riverside Elementary Drainage	new SD outfall for existing subdivision	none	Install 24" RCP	6-10 cfs ?	\$ 200,000	WJC	100%	0%
		Funding for North Jordan Canal Study	Slope stability study and remediation - Baleman	ditches, pipe, canal improvements	Study and remediation effort for canal	unknown	\$ 100,000	WJC	100%	0%
		7550 South 3125 West (entire circle)	Expand and retrofit existing SD system	15 inch SD pipe, limited SD boxes	Install 18" RCP, add several inlet and combo boxes	6-10 cfs ?	\$ 250,000	WJC	100%	0%
			4950 W 7800 S	none	Install 24" RCP	15-30 cfs ?	\$ 200,000	WJC	100%	0%
			2200 W 7000 S	12 - 15 inch pipe	Install 24" RCP	6-10 cfs ?	\$ 150,000	WJC	100%	0%
			3400 West - 9400 S to 9200 S	curb and gutter, SD Boxes - asphalt	Construct new SD system - no current drainage except for old irrigation ditch	unknown	\$ 250,000	WJC	100%	0%
			Don Carlson Irrigation problem	ditch	Install 18" RCP	3-4 cfs	\$ 35,000	WJC	100%	0%
			Straw Circle (6805 S, 2321 W.)	curb and gutter, SD Boxes - asphalt	Reconstruction of cul-de-sac for improved drainage	unknown	\$ 75,000	WJC	100%	0%
							\$ 3,530,000			