

TABLE IV-1

<b>SAND COULEE WATER DISTRICT PRELIMINARY ENGINEERING REPORT</b>					
<b>Alternative #1 - Source Water Wells into Madison Formation</b>					
March 14, 2010					
ITEM	UNITS	UNIT COST	#UNITS	COST	SALVAGE
Drill and Case 8" well (3 each @510' each)	LF	\$ 55	1,530	\$ 84,150	\$ 42,075
Grout through Kootenai Formation	EA	\$ 3,600	3	\$ 10,800	\$ 5,400
Develop Well (3 wells)	HR	\$ 200	36	\$ 7,200	\$ -
Yield and Drawdown Testing (3 wells)	LS	\$ 4,500	3	\$ 13,500	\$ -
Furnish and Install Test Pumping equipment	EA	\$ 1,500	3	\$ 4,500	\$ -
Water Quality Testing/Reporting	EA	\$ 1,500	3	\$ 4,500	\$ -
Plumbness and Alignment Testing	EA	\$ 700	3	\$ 2,100	\$ -
Well Screen and K-Packer	EA	\$ 5,700	3	\$ 17,100	\$ 8,550
Pitless Adaptor	EA	\$ 800	3	\$ 2,400	\$ 1,200
Set Submersible Pump and Motor	EA	\$ 12,000	3	\$ 36,000	\$ 18,000
Well Cap and Vent	EA	\$ 200	3	\$ 600	\$ 300
Security fencing around well heads	LF	\$ 30	120	\$ 3,600	\$ 1,800
Abandoned existing wells	EA	\$ 2,000	3	\$ 6,000	\$ -
<b>PUMP HOUSE FACILITY</b>					
Pump House Building heat/lighting/ventilation	EA	\$ 30,000	1	\$ 30,000	\$ 15,000
New Meter Base/Control Pnl's/Telemetry	EA	\$ 40,000	1	\$ 40,000	\$ 20,000
Pump House Above Ground piping/appurtances	EA	\$ 20,000	1	\$ 20,000	\$ 10,000
Well Discharge Piping to Existing	LF	\$ 15	300	\$ 4,500	\$ 2,250
<b>WELL FIELD ACCESS IMPROVEMENTS</b>					
Obtain additional well field property	Acre	\$ 2,500	1.50	\$ 3,750	\$ 3,750
Widen roadway install all weather gravel surface	LF	\$ 25	3,400	\$ 85,000	\$ 21,250
Storm drainage improvements (corrugated piping)	EA	\$ 4,000	5	\$ 20,000	\$ 5,000
Landscape ditches/disturbed areas	LS	\$ 5,000	1	\$ 5,000	\$ 1,250
<b>SUBTOTAL</b>				<b>\$ 400,700</b>	<b>\$ 155,825</b>
DNRC capacity/water rights (3 wells)	EA	\$10,000	3	\$ 30,000	
Contingencies (10% of Construction Total)				40,070	
Engineering - Design & Construction Phase (20% of Construction Total)				\$ 80,140	
Legal and Administrative Costs (8% of Construction Total)				\$ 32,056	
<b>TOTAL PROJECT COST</b>				<b>\$582,966</b>	

<b>Operation and Maintenance Cost</b>				
ITEM	Unit	Quantity	Unit Cost	Annual Cost
Existing Water Operation and Maintenance Cost <sup>1</sup>	Year	1	\$28,400	\$28,400
<b>Total Annual Cost</b>				<b>\$28,400</b>

1. Capital cost estimates and budgets prepared for the District utilize the average of the three years (2007, 2008 & 2009) Operations and Maintenance budget (\$28,400.00)

TABLE IV-2

<b>SAND COULEE WATER DISTRICT PRELIMINARY ENGINEERING REPORT</b>					
<b>Alternative #2 - Additional Storage/Rehabilitation of Existing Storage Facility</b>					
March 9, 2010					
ITEM	UNITS	UNIT COST	#UNITS	COST	SALVAGE
Construct access roadway/gravel surfacing	LF	\$ 50	700	\$ 35,000	\$ 8,750
Storm culverts	EA	\$ 4,000	2	\$ 8,000	\$ 2,000
Landscape ditches/disturbed areas	LS	\$ 2,500	1	\$ 2,500	\$ 625
Tranducer (water level contoller)/buried conduit	EA	\$ 6,500	1	\$ 6,500	\$ 3,250
Water level control conduit/wire to pump houses	LF	\$ 10	400	\$ 4,000	\$ 2,000
Security Fencing around tank area	LF	\$ 30	350	\$ 10,500	\$ 5,250
<b>Existing Storage Facility Rehabilitation</b>				\$ -	\$ -
Decant and clean debris from tank	LS	\$ 2,500	1	\$ 2,500	\$ -
Incr. storage (143,000gallons)/sandblast/paint	LS	\$ 90,000	1	\$ 90,000	\$ 45,000
Replace support structure for tank influent	LS	\$ 7,000	1	\$ 7,000	\$ 3,500
Rehab/replace access ladders/rail (security)	LS	\$ 8,000	1	\$ 8,000	\$ 4,000
Rescreen all air penetrations	LS	\$ 800	1	\$ 800	\$ 400
Cathodic protection existing tank	LS	\$ 6,000	1	\$ 6,000	\$ 3,000
Temporary well piping during rehab	LS	\$ 8,000	1	\$ 8,000	\$ -
			<b>SUBTOTAL</b>	<b>\$ 188,800</b>	<b>\$ 77,775</b>
Contingencies (10% of Construction Total)				\$ 18,880	
Engineering - Design & Construction Phase (20% of Construction Total)				\$ 37,760	
Legal and Administrative Costs (8% of Construction Total)				\$ 15,104	
<b>TOTAL PROJECT COST</b>				<b>\$260,544</b>	

<b>Operation and Maintenance Cost</b>				
ITEM	Unit	Quantity	Unit Cost	Annual Cost
Existing Water Operation and Maintenance Cost <sup>1</sup>	Year	1	\$28,400	\$28,400
Sinking fund for recoating tanks* <sup>2</sup>	Year	1	\$2,250	\$2,250
<b>Total Annual Cost</b>				<b>\$30,650</b>

1. Capital cost estimates and budgets prepared for the District utilize the average of the three years (2007, 2008 & 2009) Operations and Maintenance budget (\$28,400). \*2 additional O&M sinking fund to account for resurfacing and painting storage facility every 10 years

TABLE IV-3

<b>SAND COULEE WATER DISTRICT PRELIMINARY ENGINEERING REPORT</b>					
<b>Alternative #3 - Replacment of undersized main, fire hydrants, valves</b>					
March 8, 2010					
ITEM	UNITS	UNIT COST	#UNITS	COST	SALVAGE
8-inch PVC Water Main	LF	\$ 50	1,200	\$ 60,000	\$ 30,000
8-inch Gate Valves	EA	\$ 1,450	4	\$ 5,800	\$ 2,900
6-inch PVC Water Main	LF	\$ 48	4,750	\$ 228,000	\$ 114,000
6-inch Gate Valves	EA	\$ 1,400	12	\$ 16,800	\$ 8,400
3/4-inch Poly Service Line	LF	\$ 15	5,500	\$ 82,500	\$ 41,250
Water Service Connection	EA	\$ 650	73	\$ 47,450	\$ 23,725
Meter Pit Installation with Curb Stops	EA	\$ 1,750	73	\$ 127,750	\$ 63,875
Radio read meter	EA	\$ 250	73	\$ 18,250	\$ 9,125
Fire Hydrant	EA	\$ 4,000	15	\$ 60,000	\$ 30,000
Remove existing FH	EA	\$ 600	1	\$ 600	\$ -
Remove existing main valve boxes	EA	\$ 500	8	\$ 4,000	
Water Main Connection to Existing Main	EA	\$ 2,000	1	\$ 2,000	\$ 1,000
Asphalt Surface Restoration (3")	SY	\$ 40	3,300	\$ 132,000	\$ 66,000
Base Course Gravel (12")	SY	\$ 25	5,950	\$ 148,750	\$ 74,375
Misc. Surfacing Restoration	LS	\$ 5,000	1	\$ 5,000	\$ 2,500
Imported Type I Bedding	CY	\$ 34	50	\$ 1,700	\$ 850
Layout & Construction Staking	LS	\$ 5,000	1	\$ 5,000	\$ -
Minor Unknown Utility Crossing (2" or smaller)	EA	\$ 600	8	\$ 4,800	\$ -
Major Unknown Utility Crossing (greater than 2")	EA	\$ 1,085	8	\$ 8,680	\$ -
Exploratory Excavation	HR	\$ 185	80	\$ 14,800	\$ -
Record Documents	EA	\$ 1,000	1	\$ 1,000	\$ -
Traffic Control	LS	\$ 5,000	1	\$ 5,000	\$ -
Miscellaneous Water Work	LS	\$ 10,000	1	\$ 10,000	\$ -
Temporary Water	LS	\$ 5,000	1	\$ 5,000	\$ -
Handheld meter reading device	LS	\$ 13,500	1	\$ 13,500	\$ 3,375
Billing Software	LS	\$ 4,500	1	\$ 4,500	\$ 1,125
			<b>SUBTOTAL</b>	<b>\$ 1,012,880</b>	<b>\$ 468,000</b>
Obtain alignment easements (exhibits)				\$ 25,000	
Contingencies (10% of Construction Total)				\$ 101,288	
Engineering - Design & Construction Phase (20% of Construction Total)				\$ 202,576	
Legal and Administrative Costs (8% of Construction Total)				\$ 81,030	
<b>TOTAL PROJECT COST</b>					<b>\$1,422,774</b>

<b>Operation and Maintenance Cost</b>				
ITEM	Unit	Quantity	Unit Cost	Annual Cost
Existing Water Operation and Maintenance Cost <sup>1</sup>	Year	1	\$28,400	\$28,400
Meter reading and billing <sup>*2</sup>	Year	1	\$2,880	\$2,880
<b>Total Annual Cost</b>				<b>\$31,280</b>

1. Capital cost estimates and budgets prepared for the District utilize the average of the three years (2007, 2008 & 2009) Operations and Maintenance budget (\$28,400.00). \*2 Additional O&M costs associated with residential meter readings and billing based upon water use.



TABLE IV-5

<b>SAND COULEE WATER DISTRICT PRELIMINARY ENGINEERING REPORT</b>						
<b>Alternative #1, #2, and #3 - Source Water, Storage, Distribution</b>						
<b>Refer to earlier tables for specific line item costs</b>						
<b>March 29, 2010</b>						
<b>ITEM</b>				<b>COST</b>		
<b>Alternative #1 - Source water wells into Madison</b>						
Construction Total				\$	400,700	
DNRC capacity/water rights (3 wells)				\$	30,000	
Contingencies				\$	40,070	
Engineering (Design/Const Insp) 20% of Const				\$	80,140	
Legal and Admin Costs (8% of Const.)				\$	32,056	
<b>Alternative #1 Totals</b>				<b>\$</b>	<b>582,966</b>	
<b>Alternative #2 - Additional Storage</b>						
Construction Total				\$	188,800	
Contingencies				\$	18,880	
Engineering (Design/Const Insp) 20% of Const				\$	37,760	
Legal and Admin Costs (8% of Const.)				\$	15,104	
<b>Alternative #2 Totals</b>				<b>\$</b>	<b>260,544</b>	
<b>Alternative #3 - Distribution System Improvements</b>						
Construction Total				\$	1,012,880	
Obtain alignment easements (exhibits)				\$	25,000	
Contingencies				\$	101,288	
Engineering (Design/Const Insp) 20% of Const				\$	202,576	
Legal and Admin Costs (8% of Const.)				\$	81,030	
<b>Alternative #3 Totals</b>				<b>\$</b>	<b>1,422,774</b>	
<b>TOTALS</b>					<b>\$</b>	<b>-</b>
<b>Total Construction</b>				<b>\$</b>	<b>1,602,380</b>	
DNRC capacity/water rights (3 wells)				\$	30,000	
Obtain alignment easements (exhibits)				\$	25,000	
Contingencies (10% of Construction Total)				\$	160,238	
Engineering - Design & Construction Phase (20% of Construction Total)				\$	320,476	
Legal and Administrative Costs (8% of Construction Total)				\$	128,190	
<b>TOTAL PROJECT COST</b>					<b>\$2,266,284</b>	

<b>Operation and Maintenance Cost</b>				
<b>ITEM</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Annual Cost</b>
Existing Water Operation and Maintenance Cost <sup>1</sup>	Year	1	\$28,400	\$28,400
Sinking fund for recoating Tanks *2	Year	1	\$2,250	\$2,250
Meter reading and billing *3	Year	1	\$2,880	\$2,880
<b>Total Annual Cost</b>				<b>\$33,530</b>

1. Capital cost estimates and budgets prepared for the District utilize the average of the three years (2007, 2008 & 2009) Operations and Maintenance budget (\$28,400.00). \*2 additional O&M sinking fund to account for resurfacing and painting storage facility every 10 years. \*3 additional O&M costs associated with residential meter readings and billing based upon water use.

TABLE V-1

<b>SAND COULEE WATER DISTRICT PRELIMINARY ENGINEERING REPORT</b>						
<b>Alternative #1 - Source Water Wells into Madison Formation</b>						
March 14, 2010						
ITEM	UNITS	UNIT COST	#UNITS	COST	SALVAGE	
Drill and Case 8" well (3 each @510' each)	LF	\$ 55	1,530	\$ 84,150	\$ 42,075	
Grout through Kootenai Formation	EA	\$ 3,600	3	\$ 10,800	\$ 5,400	
Develop Well (3 wells)	HR	\$ 200	36	\$ 7,200	\$ -	
Yield and Drawdown Testing (3 wells)	LS	\$ 4,500	3	\$ 13,500	\$ -	
Furnish and Install Test Pumping equipment	EA	\$ 1,500	3	\$ 4,500	\$ -	
Water Quality Testing/Reporting	EA	\$ 1,500	3	\$ 4,500	\$ -	
Plumbness and Alignment Testing	EA	\$ 700	3	\$ 2,100	\$ -	
Well Screen and K-Packer	EA	\$ 5,700	3	\$ 17,100	\$ 8,550	
Pitless Adaptor	EA	\$ 800	3	\$ 2,400	\$ 1,200	
Set Submersible Pump and Motor	EA	\$ 12,000	3	\$ 36,000	\$ 18,000	
Well Cap and Vent	EA	\$ 200	3	\$ 600	\$ 300	
Security fencing around well heads	LF	\$ 30	120	\$ 3,600	\$ 1,800	
Abandoned existing wells	EA	\$ 2,000	3	\$ 6,000	\$ -	
<b>PUMP HOUSE FACILITY</b>						
Pump House Building heat/lighting/ventilation	EA	\$ 30,000	1	\$ 30,000	\$ 15,000	
New Meter Base/Control Pnl's/Telemetry	EA	\$ 40,000	1	\$ 40,000	\$ 20,000	
Pump House Above Ground piping/appurtances	EA	\$ 20,000	1	\$ 20,000	\$ 10,000	
Well Discharge Piping to Existing	LF	\$ 15	300	\$ 4,500	\$ 2,250	
<b>WELL FIELD ACCESS IMPROVEMENTS</b>						
Obtain additional well field property	Acre	\$ 2,500	1.50	\$ 3,750	\$ 3,750	
Widen roadway install all weather gravel surface	LF	\$ 25	3,400	\$ 85,000	\$ 21,250	
Storm drainage improvements (corrugated piping)	EA	\$ 4,000	5	\$ 20,000	\$ 5,000	
Landscape ditches/disturbed areas	LS	\$ 5,000	1	\$ 5,000	\$ 1,250	
				<b>SUBTOTAL</b>	<b>\$ 400,700</b>	<b>\$ 155,825</b>
DNRC capacity/water rights (3 wells)	EA	\$10,000	3	\$ 30,000		
Contingencies (10% of Construction Total)				40,070		
Engineering - Design & Construction Phase (20% of Construction Total)				80,140		
Legal and Administrative Costs (8% of Construction Total)				32,056		
<b>TOTAL PROJECT COST</b>					<b>\$582,966</b>	

<b>Operation and Maintenance Cost</b>				
ITEM	Unit	Quantity	Unit Cost	Annual Cost
Existing Water Operation and Maintenance Cost <sup>1</sup>	Year	1	\$28,400	\$28,400
<b>Total Annual Cost</b>				<b>\$28,400</b>

TABLE IV-9

<p style="text-align: center;"><b>SAND COULEE WATER DISTRICT</b>  <b>WATER SYSTEM IMPROVEMENTS Alt #1 + Alt #2 - Wells/pump house and Storage Rehabilitation</b>  <b>PRELIMINARY PROJECT BUDGET</b>  <b>3.75% SRF LOAN, TSEP AND DNRC GRANTS</b></p>						
Prepared by: NCI Engineering Co.				March 22, 2008		
<b>ADMINISTRATIVE</b>	<b>SOURCE</b>	<b>SOURCE</b>	<b>SOURCE</b>	<b>SOURCE</b>	<b>SOURCE</b>	
<b>FINANCIAL COSTS:</b>	<b>DNRC - RDG</b>	<b>TSEP</b>	<b>SRF</b>	<b>Loc. Res.</b>		<b>TOTAL</b>
Personnel Costs		\$300				\$300
Office Costs		\$300				\$300
Professional Services		\$11,000	\$11,000			\$22,000
Legal Costs		\$1,380				\$1,380
Audit Fees		\$3,500				\$3,500
Travel & Training		\$500				\$500
Loan Fees		\$750	\$750			\$1,500
Loan Reserves		\$3,340	\$3,340			\$6,680
Interim Interest		\$1,000	\$1,000			\$2,000
Bond Cost		\$4,500	\$4,500			\$9,000
<b>TOTAL ADMIN/FIN. COSTS</b>	<b>\$0</b>	<b>\$26,570</b>	<b>\$20,590</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,160</b>
						5.6%
<b>ACTIVITY COSTS:</b>						
Land Purchase & Easements		\$3,750				\$3,750
Preliminary Design	\$10,000	\$10,000				\$20,000
Final Engineering Design	\$50,000	\$20,345				\$70,345
Construction Inspection	\$50,000	\$7,555				\$57,555
Construction	\$190,000	\$353,535	\$42,215			\$585,750
Contingency			\$58,950			\$58,950
<b>TOTAL ACTIVITY COSTS</b>	<b>\$300,000</b>	<b>\$395,185</b>	<b>\$101,165</b>	<b>\$0</b>	<b>\$0</b>	<b>\$796,350</b>
						94.4%
<b>TOTAL PROJECT COSTS</b>	<b>\$300,000</b>	<b>\$421,755</b>	<b>\$121,755</b>	<b>\$0</b>	<b>\$0</b>	<b>\$843,510</b>
		<b>Final O&amp;M Impact</b>		<b>Debt</b>		
% Grant Funding	85.6%	Total Annual	\$30,650.00	<b>Service</b>	<b>20-year SRF loan</b>	
		Annual/EDU	\$419.86	<b>\$121,755</b>	<i>i</i> = 3.75%	<i>I</i> = 0.07196
		Monthly/EDU	<b>\$34.99</b>	\$8,761	73	Units
				\$120.02	12	months
TPC - RDG - TSEP =	\$121,755			\$10.00	Debt Svc.	
				\$2.50	25% SRF Coverage	
	InterCap Loan (6 year loan) annual payment		\$9,800	<b>\$12.50</b>	<b>Total Monthly Debt Service</b>	
				\$11.19	Debt service for intercap loan per user per month	
					<b>\$58.68 Minimum User Rate</b>	

TABLE IV-10

**SAND COULEE WATER DISTRICT**  
**WATER SYSTEM IMPROVEMENTS - ALT #1 NEW WELL SOUCES AND PUMP HOUSE/CONTROL FACILITIES**  
**PRELIMINARY PROJECT BUDGET**  
**3.75% SRF LOAN, TSEP AND DNRC GRANTS**

Prepared by: NCI Engineering Co.

March 22, 2008

ADMINISTRATIVE	SOURCE	SOURCE	SOURCE	SOURCE	SOURCE	TOTAL
FINANCIAL COSTS:	RDG	TSEP	SRF	Loc. Res.		
Personnel Costs		\$500				\$500
Office Costs		\$400				\$400
Professional Services		\$13,656				\$13,656
Legal Costs		\$1,000				\$1,000
Audit Fees		\$1,000				\$1,000
Travel & Training		\$500				\$500
Loan Fees		\$1,000				\$1,000
Loan Reserves		\$6,000				\$6,000
Interim Interest		\$1,000				\$1,000
Bond Cost		\$7,000				\$7,000
<b>TOTAL ADMIN/FIN. COSTS</b>	<b>\$0</b>	<b>\$32,056</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,056</b>
						5.5%
<b>ACTIVITY COSTS:</b>						
Land Purchase & Easements		\$3,750				\$3,750
Preliminary Design	\$10,000	\$10,000				\$20,000
Final Engineering Design	\$49,577					\$49,577
Construction Inspection	\$40,563					\$40,563
Construction	\$199,860	\$197,090				\$396,950
Contingency		\$40,070				\$40,070
<b>TOTAL ACTIVITY COSTS</b>	<b>\$300,000</b>	<b>\$250,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$550,910</b>
						94.5%
<b>TOTAL PROJECT COSTS</b>	<b>\$300,000</b>	<b>\$282,966</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,966</b>
		<b>Final O&amp;M Impact</b>		<b>Debt</b>		
% Grant Funding	100.0%	Total Annual	\$28,400.00	<b>Service</b>		<b>20-year SRF loan</b>
		Annual/EDU	\$389.04	<b>\$0</b>	<i>i</i> = 3.75%	<i>l</i> = 0.07196
		Monthly/EDU	<b>\$32.42</b>	\$0	73 Units	12 months
				\$0.00		
TPC - RRGL - TSEP =	\$0			\$0.00	Debt Svc.	
				\$0.00	25% SRF Coverage	
	InterCap Loan (6 year loan) annual payment		\$9,800	<b>\$0.00</b>	Total Monthly Debt Service	
				\$11.19	Debt service for intercap loan per user per month	
					<b>\$43.61 Minimum User Rate</b>	



TABLE V-2

**SAND COULEE WATER DISTRICT**  
**WATER SYSTEM IMPROVEMENTS - ALT #1 NEW WELL SOURCES AND PUMP HOUSE/CONTROL FACILITIES**  
**PRELIMINARY PROJECT BUDGET**  
**3.75% SRF LOAN, TSEP AND DNRC GRANTS**

Prepared by: NCI Engineering Co.

March 22, 2008

ADMINISTRATIVE	SOURCE	SOURCE	SOURCE	SOURCE	SOURCE	TOTAL
FINANCIAL COSTS:	RDG	TSEP	SRF	Loc. Res.		
Personnel Costs		\$500				\$500
Office Costs		\$400				\$400
Professional Services		\$13,656				\$13,656
Legal Costs		\$1,000				\$1,000
Audit Fees		\$1,000				\$1,000
Travel & Training		\$500				\$500
Loan Fees		\$1,000				\$1,000
Loan Reserves		\$6,000				\$6,000
Interim Interest		\$1,000				\$1,000
Bond Cost		\$7,000				\$7,000
<b>TOTAL ADMIN/FIN. COSTS</b>	<b>\$0</b>	<b>\$32,056</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,056</b>
						5.5%
<b>ACTIVITY COSTS:</b>						
Land Purchase & Easements		\$3,750				\$3,750
Preliminary Design	\$10,000	\$10,000				\$20,000
Final Engineering Design	\$49,577					\$49,577
Construction Inspection	\$40,563					\$40,563
Construction	\$199,860	\$197,090				\$396,950
Contingency		\$40,070				\$40,070
<b>TOTAL ACTIVITY COSTS</b>	<b>\$300,000</b>	<b>\$250,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$550,910</b>
						94.5%
<b>TOTAL PROJECT COSTS</b>	<b>\$300,000</b>	<b>\$282,966</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,966</b>
		<b>Final O&amp;M Impact</b>		<b>Debt</b>		
% Grant Funding	100.0%	Total Annual	\$28,400.00	<b>Service</b>	<b>20-year SRF loan</b>	
		Annual/EDU	\$389.04	<b>\$0</b>	<i>i</i> = 3.75%	<i>l</i> = 0.07196
		Monthly/EDU	<b>\$32.42</b>	\$0	73 Units	
				\$0.00	12 months	
TPC - RRGL - TSEP =	\$0			\$0.00	Debt Svc.	
				\$0.00	25% SRF Coverage	
	InterCap Loan (6 year loan) annual payment		\$9,800	<b>\$0.00</b>	Total Monthly Debt Service	
				\$11.19	Debt service for intercap loan per user per month	
					<b>\$43.61 Minimum User Rate</b>	

Table VI-4

**SAND COULEE WATER DISTRICT**  
**WATER SYSTEM IMPROVEMENTS - ALT #1 NEW WELL SOURCES AND PUMP HOUSE/CONTROL FACILITIES**  
**PRELIMINARY PROJECT BUDGET**  
**3.75% SRF LOAN, TSEP AND DNRC GRANTS**

Prepared by: NCI Engineering Co.

March 22, 2008

ADMINISTRATIVE	SOURCE	SOURCE	SOURCE	SOURCE	SOURCE	TOTAL
FINANCIAL COSTS:	RDG	TSEP	SRF	Loc. Res.		
Personnel Costs		\$500				\$500
Office Costs		\$400				\$400
Professional Services		\$13,656				\$13,656
Legal Costs		\$1,000				\$1,000
Audit Fees		\$1,000				\$1,000
Travel & Training		\$500				\$500
Loan Fees		\$1,000				\$1,000
Loan Reserves		\$6,000				\$6,000
Interim Interest		\$1,000				\$1,000
Bond Cost		\$7,000				\$7,000
<b>TOTAL ADMIN/FIN. COSTS</b>	<b>\$0</b>	<b>\$32,056</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,056</b>
						5.5%
<b>ACTIVITY COSTS:</b>						
Land Purchase & Easements		\$3,750				\$3,750
Preliminary Design	\$10,000	\$10,000				\$20,000
Final Engineering Design	\$49,577					\$49,577
Construction Inspection	\$40,563					\$40,563
Construction	\$199,860	\$197,090				\$396,950
Contingency		\$40,070				\$40,070
<b>TOTAL ACTIVITY COSTS</b>	<b>\$300,000</b>	<b>\$250,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$550,910</b>
						94.5%
<b>TOTAL PROJECT COSTS</b>	<b>\$300,000</b>	<b>\$282,966</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,966</b>
		<b>Final O&amp;M Impact</b>		<b>Debt</b>		
% Grant Funding	100.0%	Total Annual	\$28,400.00	<b>Service</b>	<b>20-year SRF loan</b>	
		Annual/EDU	\$389.04	<b>\$0</b>	<i>i</i> = 3.75%	<i>I</i> = 0.07196
		Monthly/EDU	<b>\$32.42</b>	\$0	73 Units	
				\$0.00	12 months	
TPC - RRGL - TSEP =	\$0			\$0.00	Debt Svc.	
				\$0.00	25% SRF Coverage	
	InterCap Loan (6 year loan) annual payment		\$9,800	<b>\$0.00</b>	Total Monthly Debt Service	
				\$11.19	Debt service for intercap loan per user per month	
					<b>\$43.61 Minimum User Rate</b>	

TABLE IV-8

**SAND COULEE WATER DISTRICT**  
**WATER SYSTEM IMPROVEMENTS Alt #1 + Alt #2 + Alt #3- Wells/pump house, Storage Rehabilitation, Distribution system**  
**PRELIMINARY PROJECT BUDGET**  
**3.75% SRF LOAN, TSEP AND DNRC GRANTS**

Prepared by: NCI Engineering Co. March 22, 2008

ADMINISTRATIVE	SOURCE	SOURCE	SOURCE	SOURCE	SOURCE	TOTAL
FINANCIAL COSTS:	DNRC - RDG	TSEP	SRF	Loc. Res.	SOURCE	TOTAL
Personnel Costs		\$1,000	\$1,000			\$2,000
Office Costs		\$1,000	\$1,000			\$2,000
Professional Services		\$25,000	\$25,000			\$50,000
Legal Costs		\$10,000	\$10,000			\$20,000
Audit Fees		\$5,000	\$5,000			\$10,000
Travel & Training		\$1,000	\$1,000			\$2,000
Loan Fees		\$3,000	\$3,000			\$6,000
Loan Reserves		\$5,500	\$5,500			\$11,000
Interim Interest		\$2,500	\$2,500			\$5,000
Bond Cost		\$10,095	\$10,095			\$20,190
<b>TOTAL ADMIN/FIN. COSTS</b>	<b>\$0</b>	<b>\$64,095</b>	<b>\$64,095</b>	<b>\$0</b>	<b>\$0</b>	<b>\$128,190</b>
						5.7%
<b>ACTIVITY COSTS:</b>						
Land Purchase & Easements		\$3,750				\$3,750
Preliminary Design	\$10,000	\$10,000				\$20,000
Final Engineering Design	\$50,000	\$145,512				\$195,512
Construction Inspection	\$50,000	\$109,964				\$159,964
Construction	\$190,000	\$799,821	\$608,809			\$1,598,630
Contingency			\$160,238			\$160,238
<b>TOTAL ACTIVITY COSTS</b>	<b>\$300,000</b>	<b>\$1,069,047</b>	<b>\$769,047</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,138,094</b>
						94.3%
<b>TOTAL PROJECT COSTS</b>	<b>\$300,000</b>	<b>\$1,133,142</b>	<b>\$833,142</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,266,284</b>
		<b>Final O&amp;M Impact</b>		<b>Debt</b>		
% Grant Funding	63.2%	Total Annual	\$33,530.00	<b>Service</b>		<b>20-year SRF loan</b>
		Annual/EDU	\$459.32	<b>\$833,142</b>	<i>i</i> = 3.75%	<i>l</i> = 0.07196
		Monthly/EDU	<b>\$38.28</b>	\$59,953		73 Units
				\$821.27		12 months
TPC - RDG - TSEP =	\$833,142			\$68.44	<i>Debt Svc.</i>	
				\$17.11	25% SRF Coverage	
	Intercap Loan (6 year loan) annual payment		\$9,800	<b>\$85.55</b>	<i>Total Monthly Debt Service</i>	
				\$11.19	Debt service for intercap loan per user per month	
					<b>\$135.01 Minimum User Rate</b>	