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HOLLY ACRES STORM WATER  
EMERGENCY ACTION REPORT

Chris Ford  
January 20, 1993

HOLLY ACRES STORM WATER EMERGENCY ACTION REPORT

On January 8, 1993 the storm water flows from the Salt River and the Gila River were threatening to top the dike on the north side of the river. Action was taken to reduce the possibility of flooding. At the east end of the dike, water was controlled by constructing a diversion levee. The levee measured approximately 1000 feet long by 12 feet wide by 8 feet high. Fill from the neighboring farm land was used to construct the levee, 96,000 cubic yards of material was excavated. Sand bags were brought to the site along with 183 tons of sand. An estimated 15,000 bags were placed on the road crossing at 115th Avenue on both the north and south sides of the river.

The total cost of this project at this point is \$12,683.27. There were 385.5 man hours used at a cost of \$4,438.99. The Flood Control District spent \$297.50 on rental equipment and \$1,123.73 on owned equipment. The total expenditure for equipment was \$1,421.23. The materials cost were \$6,823.05. (SEE ATTACHED SHEETS)

This site has remediation expenses estimated to be \$6,387.37. Here is a breakdown of the cost for clean-up.

PERSONNEL	HOURLY WAGE	HOURS NEEDED	TOTAL COST
CREW LEADER	\$14.07	10	\$ 140.07
ASPEN CREW	.50	50	25.00
OPERATOR IV	17.69	90	1,592.10

EQUIPMENT	UNIT COST	UNITS NEEDED	TOTAL COST
10 WHEEL DUMP	\$36.00 hr.	20	\$ 720.00
LOADER	19.96 hr.	30	598.80
GRADER	22.27 hr.	20	445.40
S-10 TANKER	.30 mi.	80	24.00
LANDFILL COST	\$203.00 load	14	\$6,387.37

PERSONNEL COST: \$1,757.17

EQUIPMENT COST: \$1,788.20

LANDFILL COST: \$2,842.00

TOTAL COST \$6,387.37

# LABOR COST REPORT FOR SALT/GILA CONTROL WORKS

1-19-93

WORK ORDER	ASSIGNED TO	COMPLETED BY
92-5010	SMITH	SMITH

01-08-93		10.00
01-11-93	ASPEN	50.00
01-12-93	ASPEN	50.00

**SUBTOTAL OF HOURS=110.00**

01-08-93	BRYANT	IVAN	10.00
			<b>SUBTOTAL OF HOURS= 10.00</b>

01-08-93	CARROLL	THOMAS	10.00
			<b>SUBTOTAL OF HOURS= 10.00</b>

01-08-93	CASENHISER	WILLIAM	14.00
			<b>SUBTOTAL OF HOURS= 14.00</b>

01-11-93	CRAIG, JR.	WILLIAM	10.00
01-12-93	CRAIG, JR.	WILLIAM	10.00
			<b>SUBTOTAL OF HOURS= 20.00</b>

01-13-93	GANADOS	BENITO	5.00
			<b>SUBTOTAL OF HOURS= 5.00</b>

01-08-93	HAYNES	GUS	14.00
			<b>SUBTOTAL OF HOURS= 14.00</b>

01-08-93	HUDGENS	GARY	14.00
			<b>SUBTOTAL OF HOURS= 14.00</b>

01-08-93	MICHAEL	DANIEL	12.00
01-09-93	MICHAEL	DANIEL	5.00
01-11-93	MICHAEL	DANIEL	10.00
01-12-93	MICHAEL	DANIEL	10.00
01-13-93	MICHAEL	DANIEL	10.00
01-14-93	MICHAEL	DANIEL	10.00
			<b>SUBTOTAL OF HOURS= 57.00</b>

01-08-93	NALTY	WALTER	12.50
01-11-93	NALTY	WALTER	10.00
			<b>SUBTOTAL OF HOURS= 22.50</b>

01-13-93	NAUD, III	ROBERT	5.00
			<b>SUBTOTAL OF HOURS= 5.00</b>

01-08-93	NELL	JACK	11.00
01-13-93	NELL	JACK	5.00
			<b>SUBTOTAL OF HOURS= 16.00</b>

01-11-93	PHILIPPIN	LAURENT	4.00
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LABOR COST REPORT  
FOR  
SALT/GILA CONTROL WORKS

01-19-93

WORK ORDER  
92-5010

ASSIGNED TO  
SMITH

COMPLETED BY  
SMITH

**SUBTOTAL OF HOURS= 4.00**

01-08-93	SMITH	CHARLES	14.00
		<b>SUBTOTAL OF HOURS=</b>	<b>14.00</b>

01-08-93	SPENCER, JR	RALPH	14.00
		<b>SUBTOTAL OF HOURS=</b>	<b>14.00</b>

01-08-93	WELCH	MICHAEL	11.00
01-09-93	WELCH	MICHAEL	5.00
		<b>SUBTOTAL OF HOURS=</b>	<b>16.00</b>

01-08-93	WINKLER	MIKE	10.00
01-12-93	WINKLER	MIKE	10.00
01-13-93	WINKLER	MIKE	10.00
01-14-93	WINKLER	MIKE	10.00
		<b>SUBTOTAL OF HOURS=</b>	<b>40.00</b>

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<b>TOTAL HOURS WORKED =</b>	<b>385.50</b>
<b>TOTAL COST =</b>	<b>\$4,438.99</b>

1/19/93

EQUIPMENT COST REPORT  
92-5010

01-13-93	00115	1 1/2" PORTABLE PUMP	\$3.00	1.00	DAY
			\$3.00		
01-08-93	00260	1984 WISC TILT TYPE EQP TRAILER	\$39.64	1.00	DAY
			\$39.64		
01-09-93	00336	1991 TRAIL-EZE TANDEM AXLE TRAILER	\$43.00	1.00	DAY
			\$43.00		
01-08-93	00400	1991 580K CASE BACKHOE	\$19.95	10.00	HOUR
			\$199.50		
01-11-93	00474	1990 780D CASE 4X4 LOADER BACKHOE	\$22.65	4.00	HOUR
01-08-93	00474	1990 780D CASE 4X4 LOADER BACKHOE	\$22.65	8.00	HOUR
			\$271.80		
01-08-93	00479	1987 D-7 DOZER DIRECT DRIVE	\$20.14	8.00	HOUR
			\$161.12		
01-08-93	00484	1986 D-7 DOZER AUTOMATIC DIRECT DRIVE	\$23.97	1.00	HOUR
			\$23.97		
01-08-93	00495	FRONT END LOADER, 3 YD, 150 H.P. 936	\$19.92	10.00	HOUR
			\$199.20		
01-11-93	32634	1986 CHEVY 1 TON 4X4 CREW CAB	\$0.33	47.00	MILE
01-12-93	32634	1986 CHEVY 1 TON 4X4 CREW CAB	\$0.33	15.00	MILE
			\$20.46		
01-11-93	32920	1989 CHEVY 1 TON 4X4 CREW CAB	\$0.39	14.00	MILE
01-12-93	32920	1989 CHEVY 1 TON 4X4 CREW CAB	\$0.39	79.00	MILE
			\$36.27		
01-08-93	42113	1991 GM ASPEN DUMP TRUCK	\$0.52	20.00	MILE
			\$10.40		
01-08-93	42910	1989 CHEVY 1 TON 4X4 TANKER	\$0.39	55.00	MILE
			\$21.45		
01-08-93	48108	1991 IHC 10 YD DUMP TRUCK	\$0.58	61.00	MILE
			\$35.38		
01-09-93	49702	1987 MACK 10 YD DUMP TRUCK	\$0.58	13.00	MILE
			\$7.54		
01-08-93	72240	1992 CHEVY S-10 4X4 TANKER	\$0.30	99.00	MILE
			\$29.70		
01-13-93	72931	1989 CHEVY S-10 4X4 TANKER	\$0.30	71.00	MILE
			\$21.30		
01-13-93	R2029	BLADE, 140G	\$297.50	1.00	DAY
			\$297.50		

1/19/93

EQUIPMENT COST REPORT  
92-5010

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FCD EQUIPMENT COST =	\$ 1,123.73
RENTAL EQUIPMENT COST =	\$ 297.50
TOTAL EQUIPMENT COST =	\$ 1,421.23

MATERIAL COST

01-19-93

WORK ORDER NUMBER 92-5010

01-08-93 020A

SAND, CONCRETE

182.90 TON

\$ 4.50

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TOTAL COST OF MATERIALS

\$ 823.05