

# Construction Activity Summary Sheet

**Project Number:** PH5-800  
**Activity Number:** 02200

**Project Title:** CONSTRUCT SHED  
**Activity Title:** EXCAVATE FOR FOOTERS

Date Printed: 27 Sep 2000

Prepared By: BU2 Crewleader

Checked By:

**Baseline Start:** 18 May 2005

Actual: 20 May 2005

**Baseline Finish:** 18 May 2005

Actual: 21 May 2005

**Duration Estimated:** 1 Days

Actual: 2.00

**Mandays Estimated:** 0.84

Actual: 2.00

## DESCRIPTION OF WORK

EXCAVATE TRENCH 12" DEEP BY 18" WIDE. TOTAL LINIER FEET IS 70.

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## METHOD OF CONSTRUCTION/ASSUMPTIONS

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## LABOR RESOURCES

Skill required	Qty	Remarks
Builder	0	
Construction Electrician	1	
Construction Mechanic	0	
Engineering Aid	0	
Equipment Operator	1	
Steelworker	0	
Utilitiesman	0	
Other Crew Members	0	
Total Labor	2	

## PRODUCTION EFFICIENCY FACTOR

Production Element	Factor	Remarks
Workload	67	
Site Area	60	CRAMPED AREA
Labor	55	INEXPERIENCED
Supervisor	70	EXPERIENCED
Job Conditions	67	
Weather	50	RAINY SEASON
Equipment	67	
Tactical/Logistical	67	

**Product Efficiency Factor:** 63.875

**Availability Factor:** 75%

**Resulting Delay Factor:** 1.049

**Manday Equivalent:** 1.125

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### WORK ELEMENTS

Code	Description	U/M	Qty of Work	ManHrs Per Unit	Work Multi	Est. MDs
1302	EXCAVATE USING, TRACTOR MTD. BACKHOE 3/8 CD	CD	4	0	1.00	0.05
8	HAND EXCAVATE TO DEPTH	EA	1	6	1.00	0.79

### TOOLS

ID #	Description	Qty
6078	SHOVEL SPOON TELEGRAPH EASTERN PATTERN 93N HANDLE	1

### EQUIPMENT

ID #	Description	Qty
058700	TRUCK DUMP 6X6 30000 GVW	1
434000	EXCAVATOR WHEEL MOUNTED HYD OPERATED	1
453100	LOADER SCOOP WHEEL MOUNTED 4X4	1
064300	TRUCK STAKE 6X6 DED 46000 GVW	1

### MATERIALS

BM	LI	Description	Unit	Qty	LL
1	1	CAUTION TAPE	RL	1	No
1	1	PLASTIC SHEET	RL	1	No

### SAFETY PLAN

Safety Hazard	Part	Section	RAC	Control Measure
OPEN TRENCHES	29CFR	A		ALL OPEN TRENCHES SHALL BE CLEARLY MARKED AND WHEN REQUIRED BARRICADED
UNDERGROUND/UTILITIES	29CFR	A		ALL UNDER GROUND UTILITIES WILL BE CLEARLY MARKED TO ENSURE VISIBILITY

### QUALITY CONTROL PLAN

Quality Control Requirement	Spec. Ref.	Action Required
SIZE OF EXCAVATION	SPEC 02221	EXCAVATE TO DIMENSIONS SHOWN ON PRINTS ONLY LARGE ENOUGH TO CONFORM TO CONSTRUCTION METHOD
OVER EXCAVATION	SPEC 02221	OVER EXCAVATED AREAS TO BE FILLED W/ CONCRETE DO NOT BACK FILL AND COMPACT.
SPOIL STORAGE	SPEC 02221	ENSURE SPOIL MATERIAL IS STORED AS NOT TO BE CONTAMINATED PRIOR TO REUSE

### ENVIRONMENTAL PLAN

Environmental Hazard	Ref.	Action Required
EQUIPMENT SPILL	01.H5	SPILL KIT AND SPILL PLAN MAINTAINED ON SITE

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### COMMENTS

DUE TO RAINY SEASONS PUMPS MAY BE REQUIRED. EXCAVATION TO BE COVERED EACH NIGHT AND MARK W/  
CAUTION TAPE