TRI-COUNTY DISTRICT HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

ADAMS CITY 4301 EAST 72ND AVE. 288-6816

15400 EAST 14th PLACE

AURORA

SUITE 309

341-9370

WEST ADAMS 7475 DAKIN ST.

7475 DAKIN ST. SUITE 401

428-8543

BRIGHTON

1895 EGBERT ST. 659-4000

PERMIT

4347

ENGLEWOOD

4857 SO. BROADWAY 761-1340

DOUGLAS COUNTY

502 THIRD ST. 688-5145

TRI-COUNTY DISTRICT HEALTH DEPARTMENT (FILE) NO. 2989	
PERMIT TO (X) CONSTRUCT () REMODEL A NON-MUNICIPAL WASTE DISPOSAL SYSTEM FOR RONALO 11. 6 Day	<u>rhora J. Sejáb</u>
AT Tract 25 CArthur Ranch, Filing #2, Sections 20 8 21, TGS TGT. (Address or Legal Description)	Name)
composed of 1000 gallon septic tank and a soil absorption area 1.050	
OR	
THIS PERMIT SHALL EXPIRE ONE YEAR FROM DATE OF ISSUANCE UNLESS EXTENDED TO A FIXED DATE UPON RE	QUEST BY THE APPLICANT AND
APPROVED BY THE HEALTH OFFICER.	
SSUED-BY SAFAUEL Johnson, M.D. PUBLIC HEALTH OFFICER, TRI-COUNTY DIS	TRICT HEALTH DEPARTMENT BY
Satisfed Johnson, M.D. Public Health Officer, TRI-COUNTY DIST	
(Sanitarian)	
Leaching field must be located in the area of the test holes $F \mapsto F \cap F$	

MAINTENANCE AND/OR USAGE, VARIABLE GROUND WATER TABLE, SOIL COMPACTION OR OTHER FACTORS. IN THE EVENT THIS SYSTEM MUST BE SAMPLED TO DETERMINE COMPLIANCE WITH STATE STANDARDS, A FEE OF \$ ______ PLUS _____ MILES AT 10¢ PER MILE WILL BE ASSESSED FOR EACH SAMPLE TAKEN.

75.00

75.00 FOR NEW SYSTEM, CHECK NO. _______ M.O. NO. _____ CASH _____ K.B.H. DATE 3-29-1978

TCHD-SS-3 REV. 7-73

PERMIT FEE OF \$ _____

RECEIVED BY

OFFICE FILE

OWNER MUST ASCERTAIN THAT THIS ENTIRE WASTE DISPOSAL SYSTEM REMAINS OPEN FOR INSPECTION UNTIL IT HAS RECEIVED APPROVAL BY THE TRI-COUNTY DISTRICT HEALTH DEPARTMENT. THE HEALTH OFFICER CANNOT ASSUME RESPONSIBILITY IN CASE OF FAILURE OR INADE-QUACY OF A WASTE DISPOSAL SYSTEM BEYOND CONSULTING IN GOOD FAITH WITH PROPERTY OWNER, MALFUNCTIONS MAY BE DUE TO IMPROPER

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MARI) BEALTH 502 3rd St. 688-5145

BOB ECLEN 200T MILL Englewood 4857 So. Broadway 761-1340

West Adams City 7475 Dakin 428-8543

01 2 M <u>A</u>

160	$H(\mathbb{R}^{N})$		\smile		
	MIT TO CONSTRUCT, REMOD	EL. OR INSTALL A	WASTE DISPOSAL	System	
_	•			SECTIONS	
Address (Legal Description)	TRACT 25 MEAR	THUR RANCH	FILING	<u>= 2 </u>	86
MICH RONALD M + BARRARA J	SM17HAddress 4-302 S	. Everett tel	ephone No. 9	<u>13-2892</u>	-
installed by JIM PATTERSON	Address	Tel	ephone No. 75	3-7378	-
ENERAL INFORMATION				,	
Ypa of Wasta System: Reside	nca_YESCommerc	ial	Other		_
lize of Lot <u>5 ACRES</u>					
ercolation Rate #1	#2#3	#4	#5	#6#6	_
verage	minutes per inch. De	pth of 1st Ground	Water	 	-
oil Profile 1' to 10' ource of Domestic Water: Pu	blic (pro)				
	Depth PROPOSED 3	Distance 5	TOR SAUSER SVA		-
stimated Daily Sewage Flow_		<u>////</u> Discurce i	tom sewage sys	G.P.D.	-
ESIDENCE	_		_	_	
Number of Bedrooms 2 Tu	bs or Showers 2	Toilets	Lavatory 2	Sinks <u>Z</u>	
				,	
DAMERCIAL or Other: Attach e Depth of Building Drain	actwated darth sewade t	tow data.		Re luit	أويدا
eher on between atom.		Leaching	tivity mus	+ Be Locate	-
		I the Aces	at trot.	holes P-4-95	- 1
					≃′
	,				
ONSTRUCTION INPORMATION Septic Tank Capacity	1000 gall	ons. Material	rancut.		
		et 7	Congress		
nlet			70 6		_
oil Absorbtion System Trenc equired Absorbtion Area in s		P4110P 10P40P	4-1 04- V	3	~
	date reer 1230	Filler Mater	181 2156 77	nebeu	~
Distribution Line Material		ameter 7"			-
	•				
for other type: disposal syste	m attach complete desig	n and specificati	on data.		
Amer or Agent Honald W	2 Smith -	- M	7 7 1070	•	
wher or Agent Norman !!!	DAW Da	te //a/co	21,1910	, 	
, 					=
Long selection was		-	3-29-7	25	
Loy Upsheyere	Tri-County Distri	ct H.D.		Date	
V V V .	Water Pollution C	ontrol Comm		,	
 		Oneror Comm.	·	Date	
	Local Building &	Zoning		Date	
			·		
	Public Water & Se	wer District		Date	
					
Permit: Issued	(health: o	fficer)		Date	
Supporting data (attached)		Soil Profi	le		_
	•	C	-		
Plot Plans		Special De	eldu neca		_
Percolation Data					
Lerentering, figes.					-
The Construction of this nonm	mnicipal waste disposal	svetem will comp	ly with TCDHD R	leg. #2/69 and	
all other applicable laws. or				Owner.	
			· · ·	7.710	
System inspected and approved	(date) 10-3-78 sa	nitarian <u> /</u>	roll a.	miller.	
0000			MODILM		
Permit File No. 0489	Pis	cal Control No	1341		

3 LINES /4" RIVER ROCK 1746 SAFT 18' × 97' SEPTIC TANKS 1000 GAL HOUSE

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Aurora Office

MARV BEAGLUND Castle Rock 502 3rd St. 688-5145

West Adams City 7475 Dakin 428-8543

15400 E. 14th Place 341-9370

4-68 Linual

APPLICATION FOR PERMIT	10 CONSTRUCT, REMODEL, OR INS	STALL A WASTE DISPOSAL SYS	TEM SECTIONS 20 42 1
Address (Legal Description) TRA Owner RONALD M. + BARBARA T. SM	ICT 25 MSARTHUR MANAGER	PANCH FILING # 2	T65 R67W
Installed by JIM PATTERSON	Address	Telephone No. 753 - 4	7378
GENERAL INFORMATION	VFC	041	
Type of Waste System: Residence_ Size of Lot_5ACRES	YES Commercial	Other	
Percolation Rate #1 #2			#6
Average mi	nutes per inch. Depth of la	Ground Water	
Source of Domestic Water: Public	(name)	 	
LPrivate well YES Dep		stance from Sewage System_	
Estimated Daily Sewage Flow			G.P.D.
RESIDENCE Number of Bedrooms 2 Tubs o	r Showers 2 Toilets	2 Lavatory 2	sinks 2
COMMERCIAL or Other: Attach estime Depth of Building Drain	ated daily sewage flow data.	him, Field must	31 Locatal "
Depen of battarny brain	2000	hing Fix12 must	1 040
	ユル	Area OF test hus	15 P-4-95-P6
CONSTRUCTION INFORMATION Septic Tank Capacity	00 gallons Mate	cial concrete	
Inlet	Outlet 7		
Soil Absorbtion System Trench Required Absorbtion Area in squar	Bed Y	Pit er Material Size // Dep	th 3/11
Distribution Line Material	Diameter_	7 "	
. v	_		
For other type disposal system at			
Lowner or Agent Ronald M.S.	nuth Date Wk	uch 27,1978	
		,	
()			
Loy upolicyure	Tri-County District H.D.	3-29-18	Date
	Water Pollution Control Cor	nm.	Date
	_Local Building & Zoning		Date
	Public Water & Sewer Distri	ct	Date
Permit Issued	(health officer)		Date
Supporting data (attached)	So:	l Profile	
Plot Plans			
Percolation Data			·
The construction of this nonmunic	ipal waste disposal system w	ill comply with TCDHD Reg.	#2/69 and Owner.
System inspected and approved (da	te)Sanitarian_		·
Permit File No. 2989	Binani Contro	1 No 43411	
Aetmir Lite No. (x / 0)	FISCAL CONTRO	·- NO	

President

COMPANY CONSULTING SOILS ENGINEERS
10600 W. ALAMEDA SUITE L-7 • LAKEWOOD, CO. 80226 • (303) 989-3110

March 24, 1978

Mr. Ron Smith 4302 South Everett Littleton, Colorado 80123

Subject: Percolation Tests

Proposed Smith Residence Lot 25 McArthur Ranch

Filing No. 2

Douglas County, Colorado

Job No. 245

Dear Mr. Smith:

Additional percolation tests have been run in various areas on the subject lot. These tests were run to determine if faster percolation rates would occur in other areas of the lot. An area was found further downhill of the residence and north of the residence where the clays contained more sand and silt.

A profile boring was drilled to a depth of 8 feet at the location shown on Fig. 1. There was about 6 inches of topsoil underlain by silty, sandy clay to 8 feet. No ground water was encountered in the boring.

Percolation borings 10 inches in diameter, 3 feet deep were drilled. Percolation tests were run to evaluate permeability. The perc test results are presented on Table I. Perc rates ranged from 48 to 60 minutes per inch.

In our opinion this area percs at a faster rate than the one tested in January, 1978, and reported under our Job No. 245 dated January 30, 1978. We recommend locating the leach field in the new area. At this location a standard field can be constructed. We recommend sizing the field for a percolation rate of 60 minutes per inch.

If you have questions about this information, please call.

Very truly yours,

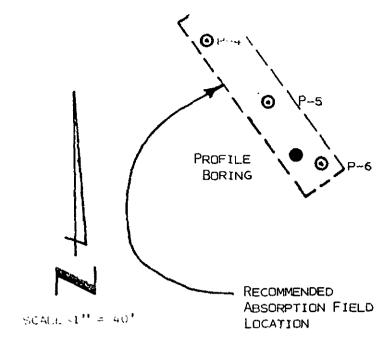
THE FISHERMAN COMPANY

C. Rees Nickerson, P.E.

10313

JOHN 14:6 JESUS SAID TO HIM "I AM THE WAY THE TRUTH AND

METH TO THE FATHER BUT THROUGH ME."



TOT 25 FILTO NO. 2 MC ARTHOR RAISO

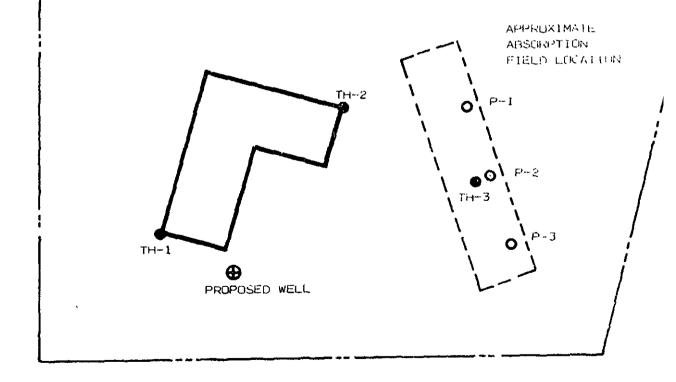


TABLE I PERCOLATION TEST RESULTS

TESTS RUN 3/20/78

HOLE NUMBER	DEPTH	TIME INTERVAL MINUTES	DEPTH TO WATER START OF TIME INTERVAL INCHES	DEPTH TO WATER END OF TIME INTERVAL INCHES	CHANGE IN WATER DEPTH INCHES	PERC RATE MIN/INCH
P-4	36	30_	26 1/2	27. 1/4		
		30	27 1/4	27.3/4_		
		30	27_3/4	28_3/8		
		30	28 3/8	28 7/8		
		30	28_7/8	29. 1/2.		
		30	29 1/2	30		
		30	30	30_5/8	reneware and extended the second part of	
		30	30 5/8	31_1/8	1/2	60
P5	36	30	26 1/B	26_5/8		
		30	26_5/8	27_1/8		
		30	27 1/8	27.5/8		
		30	27 5/8	28		<u> </u>
		30	28	28_1/2		<u>/</u>
		30	28 1/2	29		
		30	29	29 1/2		
		30	29 1/2	30	1/2	60
P-6	36	30	26	26.7/8		
		30	26 7/8	27 1/2		
		30	27 1/2	28		
		30	28	28 1/2		
		30	28 1/2	29 1/8		
		30	29 1/8	29 5/8		
		30	29 5/8	30 1/4		
		30	30 1/4	30 7/8	5/8	4.8